

450 W

MAXIMUM POWER OUTPUT

0/+5 W

POSITIVE POWER TOLERANCE

22.5 %

MAXIMUM EFFICIENCY



Small in size, bigger on power

- Generates up to 450 W, 22.5 % module efficiency with high density interconnect technology
- Multi-busbar technology for better light trapping, lower series resistance, improved current collection and enhanced reliability
- Reduces installation cost with higher power bin and efficiency



Dual-glass Design, High Reliability

- Excellent fire rating and resistance to harsh environmental conditions
- 5,400 Pa snow load and 4,000 Pa wind load (test loads)



Maximize Energy Harvest

- Up to 25 years product warranty and 30 years power warranty
- 1 % first-year degradation and 0.4 % annual degradation enabled by N-type technology



Universal solution for residential and C&I rooftops

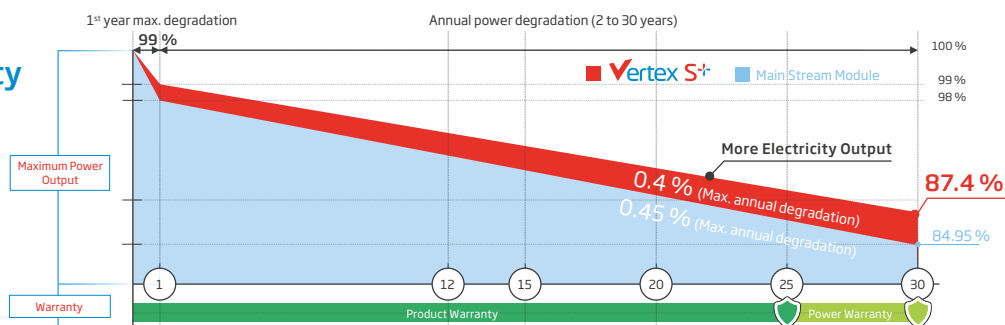
- Designed for compatibility with existing mainstream inverters, optimizers and mounting systems
- Perfect size and low weight for easy handling. Optimized transportation cost
- Flexible installation solutions for system deployment

Extended Vertex S⁺ Warranty

1 %
1st year max. degradation

0.4 %
Max. annual degradation from year 2 to 30

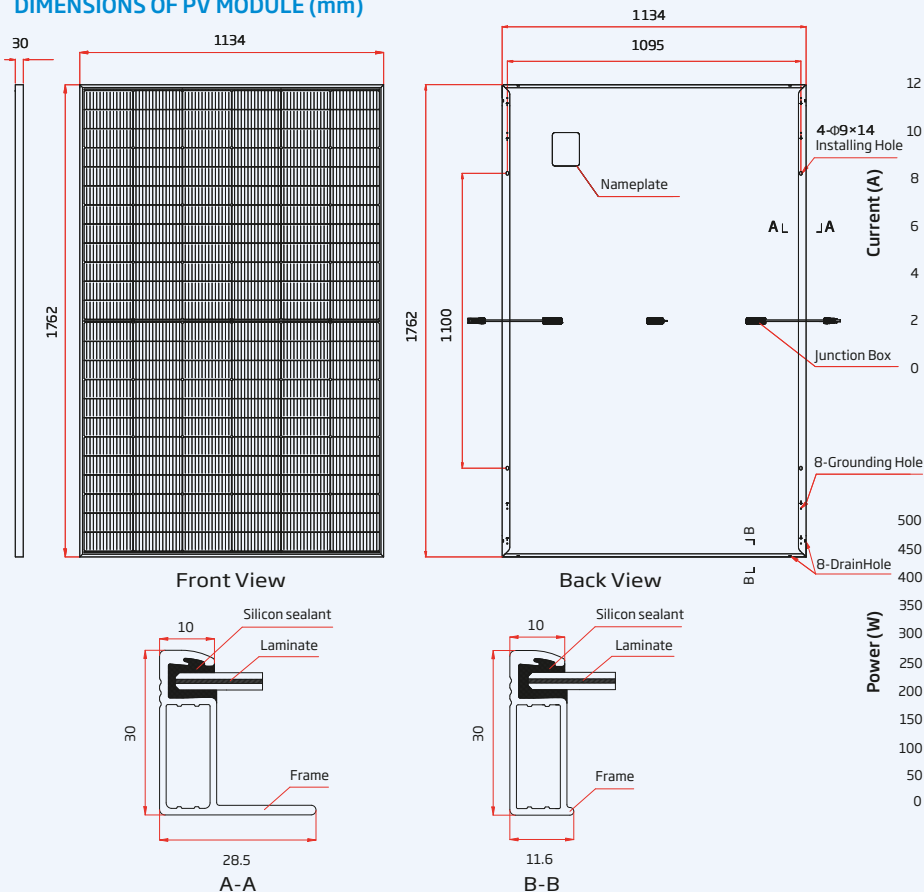
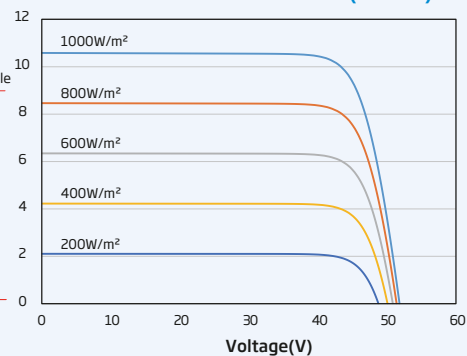
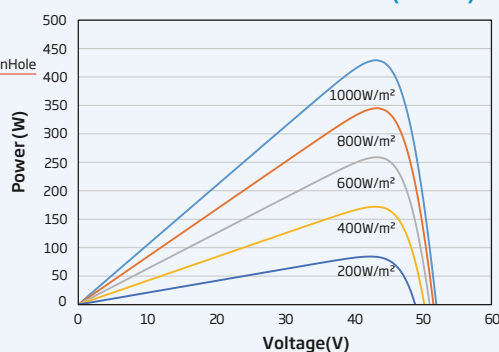
25 Years
Product Workmanship Warranty



Comprehensive Products and System Certificates



IEC61215/IEC61730/IEC61701/IEC62716
 ISO 9001: Quality Management System
 ISO 14001: Environmental Management System
 ISO14064: Greenhouse Gases Emissions Verification
 ISO45001: Occupational Health and Safety Management System

DIMENSIONS OF PV MODULE (mm)

I-V CURVES OF PV MODULE (440 W)

P-V CURVES OF PV MODULE (440 W)

ELECTRICAL DATA (STC)

	TSM-425 NEG9R.28	TSM-430 NEG9R.28	TSM-435 NEG9R.28	TSM-440 NEG9R.28	TSM-445 NEG9R.28	TSM-450 NEG9R.28
Peak Power Watts-P _{MAX} (Wp)*	425	430	435	440	445	450
Power Tolerance-P _{MAX} (W)	0/+5					
Maximum Power Voltage-V _{MPP} (V)	42.9	43.2	43.6	44.0	44.3	44.6
Maximum Power Current-I _{MPP} (A)	9.92	9.96	9.99	10.01	10.05	10.09
Open Circuit Voltage-V _{OC} (V)	50.9	51.4	51.8	52.2	52.6	52.9
Short Circuit Current-I _{SC} (A)	10.56	10.59	10.64	10.67	10.71	10.74
Module Efficiency η_m (%)	21.3	21.5	21.8	22.0	22.3	22.5

STC: Irradiance 1000 W/m², Cell Temperature 25 °C, Air Mass AM 1.5. *Measuring tolerance: ±3%.

ELECTRICAL DATA (NOCT)

	TSM-425 NEG9R.28	TSM-430 NEG9R.28	TSM-435 NEG9R.28	TSM-440 NEG9R.28	TSM-445 NEG9R.28	TSM-450 NEG9R.28
Maximum Power-P _{MAX} (Wp)	325	328	332	336	339	343
Maximum Power Voltage-V _{MPP} (V)	40.1	40.5	40.8	41.1	41.4	41.7
Maximum Power Current-I _{MPP} (A)	8.09	8.11	8.15	8.17	8.20	8.24
Open Circuit Voltage-V _{OC} (V)	48.3	48.8	49.2	49.5	49.9	50.2
Short Circuit Current-I _{SC} (A)	8.51	8.53	8.57	8.60	8.63	8.65

NOCT: Irradiance at 800 W/m², Ambient Temperature 20 °C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar Cells	Monocrystalline
No. of cells	144 cells
Module Dimensions	1762×1134×30 mm
Weight	21.0 kg
Front Glass	1.6 mm, High Transmission, AR Coated Heat Strengthened Glass
Encapsulant material	POE/EVA
Back Glass	1.6 mm, Heat Strengthened Glass
Frame	30 mm Anodized Aluminium Alloy, Black
J-Box	IP 68 rated
Cables	Photovoltaic Technology Cable 4.0 mm² Landscape: 1100/1100 mm Portrait: 280/350 mm*
Connector	TS4 / MC4 EV02*

*Special order only

TEMPERATURE RATINGS

NOCT (Nominal Operating Cell Temperature)	43°C (±2°C)
Temperature Coefficient of P _{MAX}	-0.29%/°C
Temperature Coefficient of V _{OC}	-0.24%/°C
Temperature Coefficient of I _{SC}	0.04%/°C

MAXIMUM RATINGS

Operational Temperature	-40 to +85 °C
Maximum System Voltage	1500 V DC (IEC)
Max Series Fuse Rating	25 A

WARRANTY

25 year Product Workmanship Warranty
30 year Power Warranty
1 % first year degradation
0.4 % Annual Power Attenuation

(Please refer to product warranty for details)

PACKAGING CONFIGURATION

Modules per box:	36 pieces
Modules per 40' container:	936 pieces



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26**Holder of Attestation: Trina Solar Co., Ltd.**

No. 2 TianHe Road, Trina PV Industrial Park
New District
213031 Changzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Product:

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Mono & Poly Crystalline Silicon Photovoltaic (PV) Module(s)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.:

64290170581761

Date, 2023-07-27

(David Bo)

Page 1 of 16

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Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

Model(s):

mono series with 157 x 157 (mm) and 156.75 x 156.75 (mm) solar cells:

72 cells:

TSM-xxxDEG14(II), TSM-xxxDEG14.05(II), TSM-xxxDEG14.25(II), TSM-xxxDEG14.07(II), TSM-xxxDEG14.20(II), TSM-xxxDEG14.27(II), TSM-xxxDEG14.28(II), TSM-xxxDEG14.29(II), TSM-xxxDEG14.40(II), TSM-xxxDEG14.47(II) (xxx=330-390, in steps of 5).

60 cells:

TSM-xxxDEG5(II), TSM-xxxDEG5.05(II), TSM-xxxDEG5.25(II), TSM-xxxDEG5.07(II), TSM-xxxDEG5.20(II), TSM-xxxDEG5.27(II), TSM-xxxDEG5.28(II), TSM-xxxDEG5.29(II), TSM-xxxDEG5.40(II), TSM-xxxDEG5.47(II) (xxx=275-325, in steps of 5).

mono series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxDEG15(II), TSM-xxxDEG15.05(II), TSM-xxxDEG15.25(II), TSM-xxxDEG15.07(II), TSM-xxxDEG15.20(II), TSM-xxxDEG15.27(II), TSM-xxxDEG15.28(II), TSM-xxxDEG15.29(II), TSM-xxxDEG15.40(II), TSM-xxxDEG15.47(II) (xxx=330-380, in steps of 5).

60 cells:

TSM-xxxDEG6(II), TSM-xxxDEG6.05(II), TSM-xxxDEG6.25(II), TSM-xxxDEG6.07(II), TSM-xxxDEG6.20(II), TSM-xxxDEG6.27(II), TSM-xxxDEG6.28(II), TSM-xxxDEG6.29(II), TSM-xxxDEG6.40(II), TSM-xxxDEG6.47(II) (xxx=275-315, in steps of 5).

mono series with 157 x 157 (mm) bifacial cell:

72 cells:

TSM-xxxDEG14C(II), TSM-xxxDEG14C.05(II), TSM-xxxDEG14C.25(II), TSM-xxxDEG14C.07(II), TSM-xxxDEG14C.20(II), TSM-xxxDEG14C.27(II), TSM-xxxDEG14C.28(II), TSM-xxxDEG14C.29(II) (xxx=335-370, in steps of 5).

60 cells:

TSM-xxxDEG5C(II), TSM-xxxDEG5C.05(II), TSM-xxxDEG5C.25(II), TSM-xxxDEG5C.07(II), TSM-xxxDEG5C.20(II), TSM-xxxDEG5C.27(II), TSM-xxxDEG5C.28(II), TSM-xxxDEG5C.29(II) (xxx=285-305, in steps of 5).

mono series with 158.75 x 158.75 (mm) bifacial cell:

72 cells:

TSM-xxxDEG15C(II), TSM-xxxDEG15C.05(II), TSM-xxxDEG15C.25(II), TSM-xxxDEG15C.07(II), TSM-xxxDEG15C.20(II), TSM-xxxDEG15C.27(II), TSM-xxxDEG15C.28(II), TSM-xxxDEG15C.29(II) (xxx=335-350, in steps of 5).

60 cells:

TSM-xxxDEG6C(II), TSM-xxxDEG6C.05(II), TSM-xxxDEG6C.25(II), TSM-xxxDEG6C.07(II), TSM-xxxDEG6C.20(II), TSM-xxxDEG6C.27(II), TSM-xxxDEG6C.28(II), TSM-xxxDEG6C.29(II) (xxx=285-295, in steps of 5).

Page 2 of 16

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Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

mono series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxDEG14H(II), TSM-xxxDEG14H.05(II),
 TSM-xxxDEG14H.25(II), TSM-xxxDEG14H.07(II),
 TSM-xxxDEG14H.20(II), TSM-xxxDEG14H.27(II),
 TSM-xxxDEG14H.28(II), TSM-xxxDEG14H.29(II),
 TSM-xxxDEG14H.40(II), TSM-xxxDEG14H.47(II)
 (xxx=345-395, in steps of 5).

120 cells:

TSM-xxxDEG5H(II), TSM-xxxDEG5H.05(II),
 TSM-xxxDEG5H.25(II), TSM-xxxDEG5H.07(II),
 TSM-xxxDEG5H.20(II), TSM-xxxDEG5H.27(II),
 TSM-xxxDEG5H.28(II), TSM-xxxDEG5H.29(II),
 TSM-xxxDEG5H.40(II), TSM-xxxDEG5H.47(II)
 (xxx=290-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxDEG15H(II), TSM-xxxDEG15H.05(II),
 TSM-xxxDEG15H.25(II), TSM-xxxDEG15H.07(II),
 TSM-xxxDEG15H.20(II), TSM-xxxDEG15H.27(II),
 TSM-xxxDEG15H.28(II), TSM-xxxDEG15H.29(II),
 TSM-xxxDEG15H.40(II), TSM-xxxDEG15H.47(II)
 (xxx=380-410, in steps of 5).

120 cells:

TSM-xxxDEG6H(II), TSM-xxxDEG6H.05(II),
 TSM-xxxDEG6H.25(II), TSM-xxxDEG6H.07(II),
 TSM-xxxDEG6H.20(II), TSM-xxxDEG6H.27(II),
 TSM-xxxDEG6H.28(II), TSM-xxxDEG6H.29(II),
 TSM-xxxDEG6H.40(II), TSM-xxxDEG6H.47(II)
 (xxx=310-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxDEG14M(II), TSM-xxxDEG14M.05(II),
 TSM-xxxDEG14M.25(II), TSM-xxxDEG14M.07(II),
 TSM-xxxDEG14M.20(II), TSM-xxxDEG14M.27(II),
 TSM-xxxDEG14M.28(II), TSM-xxxDEG14M.29(II),
 TSM-xxxDEG14M.40(II), TSM-xxxDEG14M.47(II)
 (xxx=345-385, in steps of 5).

120 cells:

TSM-xxxDEG5M(II), TSM-xxxDEG5M.05(II),
 TSM-xxxDEG5M.25(II), TSM-xxxDEG5M.07(II),
 TSM-xxxDEG5M.20(II), TSM-xxxDEG5M.27(II),
 TSM-xxxDEG5M.28(II), TSM-xxxDEG5M.29(II),
 TSM-xxxDEG5M.40(II), TSM-xxxDEG5M.47(II)
 (xxx=290-320, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG15M(II), TSM-xxxDEG15M.07(II),
 TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.07(II),
 TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.27(II),
 TSM-xxxDEG15M.28(II), TSM-xxxDEG15M.29(II),
 TSM-xxxDEG15M.40(II), TSM-xxxDEG15M.47(II)

Page 3 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxDEG6M(II), TSM-xxxDEG6M.05(II),
TSM-xxxDEG6M.25(II), TSM-xxxDEG6M.07(II),
TSM-xxxDEG6M.20(II), TSM-xxxDEG6M.27(II),
TSM-xxxDEG6M.28(II), TSM-xxxDEG6M.29(II),
TSM-xxxDEG6M.40(II), TSM-xxxDEG6M.47(II)

(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG17M(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.25(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.20(II), TSM-xxxDEG17M.27(II),
TSM-xxxDEG17M.28(II), TSM-xxxDEG17M.29(II),
TSM-xxxDEG17M.40(II), TSM-xxxDEG17M.47(II)

(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8M(II), TSM-xxxDEG8M.05(II),
TSM-xxxDEG8M.25(II), TSM-xxxDEG8M.07(II),
TSM-xxxDEG8M.20(II), TSM-xxxDEG8M.27(II),
TSM-xxxDEG8M.28(II), TSM-xxxDEG8M.29(II),
TSM-xxxDEG8M.40(II), TSM-xxxDEG8M.47(II)

(xxx=355-380, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG14HC(II), TSM-xxxDEG14HC.05(II),
TSM-xxxDEG14HC.25(II), TSM-xxxDEG14HC.07(II),
TSM-xxxDEG14HC.20(II), TSM-xxxDEG14HC.27(II),
TSM-xxxDEG14HC.28(II), TSM-xxxDEG14HC.29(II)

(xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5HC(II), TSM-xxxDEG5HC.05(II),
TSM-xxxDEG5HC.25(II), TSM-xxxDEG5HC.07(II),
TSM-xxxDEG5HC.20(II), TSM-xxxDEG5HC.27(II),
TSM-xxxDEG5HC.28(II), TSM-xxxDEG5HC.29(II)

(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG15HC(II), TSM-xxxDEG15HC.05(II),
TSM-xxxDEG15HC.25(II), TSM-xxxDEG15HC.07(II),
TSM-xxxDEG15HC.20(II), TSM-xxxDEG15HC.27(II),
TSM-xxxDEG15HC.28(II), TSM-xxxDEG15HC.29(II)

(xxx=350-410, in steps of 5).

120 cells:

TSM-xxxDEG6HC(II), TSM-xxxDEG6HC.05(II),
TSM-xxxDEG6HC.25(II), TSM-xxxDEG6HC.07(II),
TSM-xxxDEG6HC.20(II), TSM-xxxDEG6HC.27(II),
TSM-xxxDEG6HC.28(II), TSM-xxxDEG6HC.29(II)

(xxx=295-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB bifacial cell:

144 cells:

Page 4 of 16

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Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxDEG14MC(II), TSM-xxxDEG14MC.05(II),
TSM-xxxDEG14MC.25(II), TSM-xxxDEG14MC.07(II),
TSM-xxxDEG14MC.20(II), TSM-xxxDEG14HMC.20(II),
TSM-xxxDEG14MC.27(II), TSM-xxxDEG14MC.28(II),
TSM-xxxDEG14MC.29(II) (xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5MC(II), TSM-xxxDEG5MC.05(II), TSM-xxxDEG5MC.25(II),
TSM-xxxDEG5MC.07(II), TSM-xxxDEG5MC.20(II), TSM-
xxxDEG5MC.27(II), TSM-xxxDEG5MC.28(II), TSM-xxxDEG5MC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.05(II), TSM-
xxxDEG15MC.25(II), TSM-xxxDEG15MC.07(II), TSM-
xxxDEG15MC.20(II), TSM-xxxDEG15MC.27(II), TSM-
xxxDEG15MC.28(II), TSM-xxxDEG15MC.29(II)
(xxx=350-425, in steps of 5).

120 cells:

TSM-xxxDEG6MC(II), TSM-xxxDEG6MC.05(II), TSM-xxxDEG6MC.25(II),
TSM-xxxDEG6MC.07(II), TSM-xxxDEG6MC.20(II), TSM-
xxxDEG6MC.27(II), TSM-xxxDEG6MC.28(II), TSM-xxxDEG6MC.29(II)
(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG17MC(II), TSM-xxxDEG17MC.05(II), TSM-
xxxDEG17MC.25(II), TSM-xxxDEG17MC.07(II), TSM-
xxxDEG17MC.20(II), TSM-xxxDEG17MC.27(II), TSM-
xxxDEG17MC.28(II), TSM-xxxDEG17MC.29(II)
(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8MC(II), TSM-xxxDEG8MC.05(II), TSM-xxxDEG8MC.25(II),
TSM-xxxDEG8MC.07(II), TSM-xxxDEG8MC.20(II), TSM-
xxxDEG8MC.27(II), TSM-xxxDEG8MC.28(II), TSM-xxxDEG8MC.29(II)
(xxx=355-380, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxDEG18MC(II), TSM-xxxDEG18MC.05(II),
TSM-xxxDEG18MC.25(II), TSM-xxxDEG18MC.07(II),
TSM-xxxDEG18MC.20(II), TSM-xxxDEG18MC.27(II),
TSM-xxxDEG18MC.28(II), TSM-xxxDEG18MC.29(II),
TSM-xxxDEG18MC.20W(II) (xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9C.20, TSM-xxxDEG9C.25,
TSM-xxxDEG9C.27, TSM-xxxDEG9C.28,
TSM-xxxDEG9C.29
(xxx=370-405, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

150 cells:

TSM-xxxDEG18M(II), TSM-xxxDEG18M.05(II),
TSM-xxxDEG18M.25(II), TSM-xxxDEG18M.07(II),

Page 5 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxDEG18M.20(II), TSM-xxxDEG18M.27(II),
TSM-xxxDEG18M.28(II), TSM-xxxDEG18M.29(II)
(xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9.20, TSM-xxxDEG9.25,
TSM-xxxDEG9.27, TSM-xxxDEG9.28,
TSM-xxxDEG9.29

(xxx=370-405, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell
(for cells splicing technology):

156 cells:

TSM-xxxDEG17XC.25(II), TSM-xxxDEG17XC.20(II),
TSM-xxxDEG17XC.27(II), TSM-xxxDEG17XC.28(II),
TSM-xxxDEG17XC.29(II) (xxx=445-490, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell
(for cells splicing technology)

(Module Type for rear side with white EVA or Glass white):

156 cells:

TSM-xxxDEG17X.25(II), TSM-xxxDEG17X.20(II),
TSM-xxxDEG17X.27(II), TSM-xxxDEG17X.28(II),
TSM-xxxDEG17X.29(II) (xxx=445-490, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

120 cells:

TSM-xxxDEG20C.20, TSM-xxxDEG20C.25,
TSM-xxxDEG20C.27, TSM-xxxDEG20C.28,
TSM-xxxDEG20C.29, TSM-xxxDEG20C.20W
TSM-xxxDEG20C.28W (xxx=570-605, in steps of 5).

110 cells:

TSM-xxxDEG19C.20, TSM-xxxDEG19C.25,
TSM-xxxDEG19C.27, TSM-xxxDEG19C.28,
TSM-xxxDEG19C.29, TSM-xxxDEG19C.20W
(xxx=525-555, in steps of 5).

132 cells:

TSM-xxxDEG21C.20, TSM-xxxDEG21C.25,
TSM-xxxDEG21C.27, TSM-xxxDEG21C.28,
TSM-xxxDEG21C.29, TSM-xxxDEG21C.20W
(xxx=625-675, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxDEG20.20, TSM-xxxDEG20.25,
TSM-xxxDEG20.27, TSM-xxxDEG20.28,
TSM-xxxDEG20.29 (xxx=575-605, in steps of 5).

110 cells:

TSM-xxxDEG19.20, TSM-xxxDEG19.25,
TSM-xxxDEG19.27, TSM-xxxDEG19.28,
TSM-xxxDEG19.29 (xxx=525-555, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial
cell:

144 cells:

Page 6 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxDEG18C.20, TSM-xxxDEG18C.25,
TSM-xxxDEG18C.27, TSM-xxxDEG18C.28,
TSM-xxxDEG18C.29, TSM-xxxDEG18C.20W
(xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10C.20, TSM-xxxDEG10C.25,
TSM-xxxDEG10C.27, TSM-xxxDEG10C.28,
TSM-xxxDEG10C.29 (xxx=425-450, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG18.20, TSM-xxxDEG18.25,
TSM-xxxDEG18.27, TSM-xxxDEG18.28,
TSM-xxxDEG18.29 (xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10.20, TSM-xxxDEG10.25,
TSM-xxxDEG10.27, TSM-xxxDEG10.28,
TSM-xxxDEG10.29 (xxx=425-450, in steps of 5).

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20, TSM-xxxDEG19RC.25,
TSM-xxxDEG19RC.27, TSM-xxxDEG19RC.28,
TSM-xxxDEG19RC.29, TSM-xxxDEG19RC.B0,
TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7,
TSM-xxxDEG19RC.B8, TSM-xxxDEG19RC.B9,
TSM-xxxDEG19RC.20W (xxx=540-590, in steps of 5)

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxDEG19R.20, TSM-xxxDEG19R.25, TSM-xxxDEG19R.27,
TSM-xxxDEG19R.28, TSM-xxxDEG19R.29, TSM-xxxDEG19R.B0,
TSM-xxxDEG19R.B5, TSM-xxxDEG19R.B7, TSM-xxxDEG19R.B8,
TSM-xxxDEG19R.B9, (xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B0, TSM-xxxDEG9RC.B5,
TSM-xxxDEG9RC.B7, TSM-xxxDEG9RC.B8,
TSM-xxxDEG9RC.B9, TSM-xxxDEG9RC.20,
TSM-xxxDEG9RC.25, TSM-xxxDEG9RC.28,
TSM-xxxDEG9RC.27, TSM-xxxDEG9RC.29,
TSM-xxxDEG9RC.27W (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0, TSM-xxxDEG9R.B5, TSM-xxxDEG9R.B7,
TSM-xxxDEG9R.B8, TSM-xxxDEG9R.B9, TSM-xxxDEG9R.20,
TSM-xxxDEG9R.25, TSM-xxxDEG9R.27, TSM-xxxDEG9R.28,
TSM-xxxDEG9R.29, TSM-xxxDEG9R.20W, TSM-xxxDEG9R.28W
(xxx=395-435, in steps of 5)

Page 7 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

mono series with 158.75 x 52.9 (mm) 1/3 cutting MBB bifacial cell:

252 cells:

TSM-xxxDEG15VC.20(II), TSM-xxxDEG15VC.25(II),
TSM-xxxDEG15VC.27(II), TSM-xxxDEG15VC.28(II),
TSM-xxxDEG15VC.29(II) (xxx=465-490, in steps of 5).

mono series with 157 x 157 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG14C(II), TSM-xxxNEG14C.05(II),
TSM-xxxNEG14C.25(II), TSM-xxxNEG14C.07(II),
TSM-xxxNEG14C.20(II), TSM-xxxNEG14C.27(II),
TSM-xxxNEG14C.28(II), TSM-xxxNEG14C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG5C(II), TSM-xxxNEG5C.05(II), TSM-xxxNEG5C.25(II),
TSM-xxxNEG5C.07(II), TSM-xxxNEG5C.20(II), TSM-xxxNEG5C.27(II),
TSM-xxxNEG5C.28(II), TSM-xxxNEG5C.29(II) (xxx=295-305, in steps of 5).

mono series with 158.75 x 158.75 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG15C(II), TSM-xxxNEG15C.05(II),
TSM-xxxNEG15C.25(II), TSM-xxxNEG15C.07(II),
TSM-xxxNEG15C.20(II), TSM-xxxNEG15C.27(II),
TSM-xxxNEG15C.28(II), TSM-xxxNEG15C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG6C(II), TSM-xxxNEG6C.05(II), TSM-xxxNEG6C.25(II),
TSM-xxxNEG6C.07(II), TSM-xxxNEG6C.20(II), TSM-xxxNEG6C.27(II),
TSM-xxxNEG6C.28(II), TSM-xxxNEG6C.29(II) (xxx=295-305, in steps of 5).

mono series with 161.7 x 161.7 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG16C(II), TSM-xxxNEG16C.05(II),
TSM-xxxNEG16C.25(II), TSM-xxxNEG16C.07(II),
TSM-xxxNEG16C.20(II), TSM-xxxNEG16C.27(II),
TSM-xxxNEG16C.28(II), TSM-xxxNEG16C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG7C(II), TSM-xxxNEG7C.05(II), TSM-xxxNEG7C.25(II),
TSM-xxxNEG7C.07(II), TSM-xxxNEG7C.20(II), TSM-xxxNEG7C.27(II),
TSM-xxxNEG7C.28(II), TSM-xxxNEG7C.29(II) (xxx=295-305, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG14MC(II), TSM-xxxNEG14MC.05(II),
TSM-xxxNEG14MC.25(II), TSM-xxxNEG14MC.07(II),
TSM-xxxNEG14MC.20(II), TSM-xxxNEG14MC.27(II),
TSM-xxxNEG14MC.28(II), TSM-xxxNEG14MC.29(II)
(xxx=350-380, in steps of 5).

120 cells:

Page 8 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxNEG5MC(II), TSM-xxxNEG5MC.05(II),
TSM-xxxNEG5MC.25(II), TSM-xxxNEG5MC.07(II),
TSM-xxxNEG5MC.20(II), TSM-xxxNEG5MC.27(II),
TSM-xxxNEG5MC.28(II), TSM-xxxNEG5MC.29(II)
(xxx=295-315, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB
bifacial cell:

144 cells:

TSM-xxxNEG15MC(II), TSM-xxxNEG15MC.05(II),
TSM-xxxNEG15MC.25(II), TSM-xxxNEG15MC.07(II),
TSM-xxxNEG15MC.20(II), TSM-xxxNEG15MC.27(II),
TSM-xxxNEG15MC.28(II), TSM-xxxNEG15MC.29(II)
(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxNEG6MC(II), TSM-xxxNEG6MC.05(II),
TSM-xxxNEG6MC.25(II), TSM-xxxNEG6MC.07(II),
TSM-xxxNEG6MC.20(II), TSM-xxxNEG6MC.27(II),
TSM-xxxNEG6MC.28(II), TSM-xxxNEG6MC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB
bifacial cell (Module Type for rear side with white EVA or Glass
white):

144 cells:

TSM-xxxNEG15M(II), TSM-xxxNEG15M.05(II),
TSM-xxxNEG15M.25(II), TSM-xxxNEG15M.07(II),
TSM-xxxNEG15M.20(II), TSM-xxxNEG15M.27(II),
TSM-xxxNEG15M.28(II), TSM-xxxNEG15M.29(II)
(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxNEG6M(II), TSM-xxxNEG6M.05(II), TSM-xxxNEG6M.25(II),
TSM-xxxNEG6M.07(II), TSM-xxxNEG6M.20(II), TSM-xxxNEG6M.27(II),
TSM-xxxNEG6M.28(II), TSM-xxxNEG6M.29(II) (xxx=295-345, in steps
of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial
cell (Module Type for rear side with white EVA or white Glass):

144 cells:

TSM-xxxNEG16M(II), TSM-xxxNEG16M.05(II),
TSM-xxxNEG16M.25(II), TSM-xxxNEG16M.07(II),
TSM-xxxNEG16M.20(II), TSM-xxxNEG16M.27(II),
TSM-xxxNEG16M.28(II), TSM-xxxNEG16M.29(II)
(xxx=390-435, in steps of 5).

120 cells:

TSM-xxxNEG7M(II), TSM-xxxNEG7M.05(II),
TSM-xxxNEG7M.25(II), TSM-xxxNEG7M.07(II),
TSM-xxxNEG7M.20(II), TSM-xxxNEG7M.27(II),
TSM-xxxNEG7M.28(II), TSM-xxxNEG7M.29(II)
(xxx=325-360, in steps of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial
cell:

144 cells:

TSM-xxxNEG16MC(II), TSM-xxxNEG16MC.05(II),

Page 9 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxNEG16MC.25(II), TSM-xxxNEG16MC.07(II),
TSM-xxxNEG16MC.20(II), TSM-xxxNEG16MC.27(II),
TSM-xxxNEG16MC.28(II), TSM-xxxNEG16MC.29(II)
(xxx=390-415, in steps of 5).

120 cells:

TSM-xxxNEG7MC(II), TSM-xxxNEG7MC.05(II),
TSM-xxxNEG7MC.25(II), TSM-xxxNEG7MC.07(II),
TSM-xxxNEG7MC.20(II), TSM-xxxNEG7MC.27(II),
TSM-xxxNEG7MC.28(II), TSM-xxxNEG7MC.29(II)
(xxx=325-345, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxNEG18MC.20(II), TSM-xxxNEG18MC.25(II),
TSM-xxxNEG18MC.27(II), TSM-xxxNEG18MC.28(II),
TSM-xxxNEG18MC.29(II), TSM-xxxNEG18MC.30(II)
(xxx=500-520, in steps of 5).

120 cells:

TSM-xxxNEG9C.20, TSM-xxxNEG9C.25,
TSM-xxxNEG9C.27, TSM-xxxNEG9C.28,
TSM-xxxNEG9C.29
(xxx=390-430, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxNEG9.20, TSM-xxxNEG9.25,
TSM-xxxNEG9.27, TSM-xxxNEG9.28,
TSM-xxxNEG9.29
(xxx=390-430, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

120 cells:

TSM-xxxNEG20C.20, TSM-xxxNEG20C.25,
TSM-xxxNEG20C.27, TSM-xxxNEG20C.28,
TSM-xxxNEG20C.29 (xxx=580-645, in steps of 5).

110 cells:

TSM-xxxNEG19C.20, TSM-xxxNEG19C.25,
TSM-xxxNEG19C.27, TSM-xxxNEG19C.28,
TSM-xxxNEG19C.29 (xxx=530-570, in steps of 5).

132 cells:

TSM-xxxNEG21C.20, TSM-xxxNEG21C.25,
TSM-xxxNEG21C.27, TSM-xxxNEG21C.28,
TSM-xxxNEG21C.29 (xxx=635-710, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxNEG9RC.20, TSM-xxxNEG9RC.25,
TSM-xxxNEG9RC.28, TSM-xxxNEG9RC.27,
TSM-xxxNEG9RC.29, TSM-xxxNEG9RC.B0,
TSM-xxxNEG9RC.B5, TSM-xxxNEG9RC.B8,

Page 10 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
(xxx=375-460, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxNEG9R.20, TSM-xxxNEG9R.25,
TSM-xxxNEG9R.28, TSM-xxxNEG9R.27,
TSM-xxxNEG9R.29, TSM-xxxNEG9R.B0,
TSM-xxxNEG9R.B5, TSM-xxxNEG9R.B8,
TSM-xxxNEG9R.B7, TSM-xxxNEG9R.B9,
(xxx=375-460, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG19RC.20, TSM-xxxNEG19RC.25,
TSM-xxxNEG19RC.27, TSM-xxxNEG19RC.28,
TSM-xxxNEG19RC.29, (xxx=525-620, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxNEG19R.20, TSM-xxxNEG19R.25,
TSM-xxxNEG19R.27, TSM-xxxNEG19R.28,
TSM-xxxNEG19R.29, (xxx=525-620, in steps of 5).

mono series with 182.0 x 91.0 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG18C.20, TSM-xxxNEG18C.25,
TSM-xxxNEG18C.27, TSM-xxxNEG18C.28,
TSM-xxxNEG18C.29, (xxx=555-590, in steps of 5)

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell (for cells splicing technology):

156 cells:

TSM-xxxNEG15XC(II), TSM-xxxNEG15XC.05(II),
TSM-xxxNEG15XC.25(II), TSM-xxxNEG15XC.07(II),
TSM-xxxNEG15XC.20(II), TSM-xxxNEG15XC.27(II),
TSM-xxxNEG15XC.28(II), TSM-xxxNEG15XC.29(II)
(xxx=425-445, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:

(Horizontal version: the long side of the cell is parallel to the long side of the module)

156 cells:

TSM-xxxHEG15XKC.203, TSM-xxxHEG15XKC.253,
TSM-xxxHEG15XKC.273, TSM-xxxHEG15XKC.283,
TSM-xxxHEG15XKC.293 (xxx=435-455, in steps of 5).

182 cells:

TSM-xxxHEG15YKC.20, TSM-xxxHEG15YKC.25,

Page 11 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxHEG15YKC.27, TSM-xxxHEG15YKC.28,
TSM-xxxHEG15YKC.29 (xxx=515-530, in steps of 5).

168 cells:

TSM-xxxHEG15VKC.20, TSM-xxxHEG15VKC.25,
TSM-xxxHEG15VKC.27, TSM-xxxHEG15VKC.28,
TSM-xxxHEG15VKC.29 (xxx=475-485, in steps of 5).

130 cells:

TSM-xxxHEG6XKC.20, TSM-xxxHEG6XKC.25,
TSM-xxxHEG6XKC.27, TSM-xxxHEG6XKC.28,
TSM-xxxHEG6XKC.29 (xxx=370-375, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

156 cells:

TSM-xxxHEG15XC.20, TSM-xxxHEG15XC.25,
TSM-xxxHEG15XC.27, TSM-xxxHEG15XC.28,
TSM-xxxHEG15XC.29 (xxx=440-460, in steps of 5).

144 cells:

TSM-xxxHEG15C.20, TSM-xxxHEG15C.25,
TSM-xxxHEG15C.27, TSM-xxxHEG15C.28,
TSM-xxxHEG15C.29 (xxx=410-425, in steps of 5).

120 cells:

TSM-xxxHEG6C.20, TSM-xxxHEG6C.25,
TSM-xxxHEG6C.27, TSM-xxxHEG6C.28,
TSM-xxxHEG6C.29 (xxx=340-350, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

132 cells:

TSM-xxxHEG21C.20, TSM-xxxHEG21C.25,
TSM-xxxHEG21C.27, TSM-xxxHEG21C.28,
TSM-xxxHEG21C.29 (xxx=640-685, in steps of 5).

120 cells:

TSM-xxxHEG20C.20, TSM-xxxHEG20C.25,
TSM-xxxHEG20C.27, TSM-xxxHEG20C.28,
TSM-xxxHEG20C.29 (xxx=585-620, in steps of 5).

110 cells:

TSM-xxxHEG19C.20, TSM-xxxHEG19C.25,
TSM-xxxHEG19C.27, TSM-xxxHEG19C.28,
TSM-xxxHEG19C.29 (xxx=530-565, in steps of 5).

mono series with 157 x 31.4 (mm) 1/5 cutting cells:

336 cells:

TSM-xxxDEG5ZV(II), TSM-xxxDEG5ZV.05(II), TSM-xxxDEG5ZV.07(II),
TSM-xxxDEG5ZV.40(II), TSM-xxxDEG5ZV.47(II) (xxx=305-330, in steps of 5).

poly series with 157 x 157 (mm) and 156 x 156 (mm) solar cells:

72 cells:

TSM-xxxPEG14, TSM-xxxPEG14.05, TSM-xxxPEG14.25, TSM-
xxxPEG14.07, TSM-xxxPEG14.20, TSM-xxxPEG14.27, TSM-

Page 12 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

xxxPEG14.28, TSM-xxxPEG14.29, TSM-xxxPEG14.40, TSM-xxxPEG14.47 (xxx=315-360, in steps of 5);
TSM-xxxPEG14(II), TSM-xxxPEG14.05(II), TSM-xxxPEG14.25(II),
TSM-xxxPEG14.07(II), TSM-xxxPEG14.20(II), TSM-xxxPEG14.27(II),
TSM-xxxPEG14.28(II), TSM-xxxPEG14.29(II), TSM-xxxPEG14.40(II),
TSM-xxxPEG14.47(II)
(xxx=315-360, in steps of 5).

60 cells:

TSM-xxxPEG5, TSM-xxxPEG5.05, TSM-xxxPEG5.25, TSM-xxxPEG5.07, TSM-xxxPEG5.20, TSM-xxxPEG5.27, TSM-xxxPEG5.28, TSM-xxxPEG5.29, TSM-xxxPEG5.40, TSM-xxxPEG5.47 (xxx=265-300, in steps of 5);
TSM-xxxPEG5(II), TSM-xxxPEG5.05(II), TSM-xxxPEG5.25(II),
TSM-xxxPEG5.07(II), TSM-xxxPEG5.20(II), TSM-xxxPEG5.27(II),
TSM-xxxPEG5.28(II), TSM-xxxPEG5.29(II), TSM-xxxPEG5.40(II),
TSM-xxxPEG5.47(II) (xxx=265-300, in steps of 5).

poly series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxPEG15, TSM-xxxPEG15.05, TSM-xxxPEG15.25, TSM-xxxPEG15.07, TSM-xxxPEG15.20, TSM-xxxPEG15.27, TSM-xxxPEG15.28, TSM-xxxPEG15.29, TSM-xxxPEG15.40, TSM-xxxPEG15.47 (xxx=315-360, in steps of 5);
TSM-xxxPEG15(II), TSM-xxxPEG15.05(II), TSM-xxxPEG15.25(II),
TSM-xxxPEG15.07(II), TSM-xxxPEG15.20(II), TSM-xxxPEG15.27(II),
TSM-xxxPEG15.28(II), TSM-xxxPEG15.29(II), TSM-xxxPEG15.40(II),
TSM-xxxPEG15.47(II) (xxx=315-360, in steps of 5).

60 cells:

TSM-xxxPEG6, TSM-xxxPEG6.05, TSM-xxxPEG6.25, TSM-xxxPEG6.07, TSM-xxxPEG6.20, TSM-xxxPEG6.27, TSM-xxxPEG6.28, TSM-xxxPEG6.29, TSM-xxxPEG6.40, TSM-xxxPEG6.47 (xxx=265-300, in steps of 5);
TSM-xxxPEG6(II), TSM-xxxPEG6.05(II), TSM-xxxPEG6.25(II),
TSM-xxxPEG6.07(II), TSM-xxxPEG6.20(II), TSM-xxxPEG6.27(II),
TSM-xxxPEG6.28(II), TSM-xxxPEG6.29(II), TSM-xxxPEG6.40(II),
TSM-xxxPEG6.47(II) (xxx=265-300, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxPEG14H, TSM-xxxPEG14H.05, TSM-xxxPEG14H.25, TSM-xxxPEG14H.07, TSM-xxxPEG14H.20, TSM-xxxPEG14H.27, TSM-xxxPEG14H.28, TSM-xxxPEG14H.29, TSM-xxxPEG14H.40, TSM-xxxPEG14H.47 (xxx=330-360, in steps of 5);
TSM-xxxPEG14H(II), TSM-xxxPEG14H.05(II), TSM-xxxPEG14H.25(II),
TSM-xxxPEG14H.07(II), TSM-xxxPEG14H.20(II), TSM-xxxPEG14H.27(II),
TSM-xxxPEG14H.28(II), TSM-xxxPEG14H.29(II), TSM-xxxPEG14H.40(II), TSM-xxxPEG14H.47(II)
(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5H, TSM-xxxPEG5H.05, TSM-xxxPEG5H.25, TSM-xxxPEG5H.07, TSM-xxxPEG5H.20, TSM-xxxPEG5H.27, TSM-xxxPEG5H.28, TSM-xxxPEG5H.29, TSM-xxxPEG5H.40, TSM-xxxPEG5H.47 (xxx=275-300, in steps of 5);
TSM-xxxPEG5H(II), TSM-xxxPEG5H.05(II), TSM-xxxPEG5H.25(II),

Page 13 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxPEG5H.07(II), TSM-xxxPEG5H.20(II), TSM-xxxPEG5H.27(II),
TSM-xxxPEG5H.28(II), TSM-xxxPEG5H.29(II), TSM-xxxPEG5H.40(II),
TSM-xxxPEG5H.47(II)
(xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting cell:
144 cells:

TSM-xxxPEG15H, TSM-xxxPEG15H.05, TSM-xxxPEG15H.25,
TSM-xxxPEG15H.07, TSM-xxxPEG15H.20, TSM-xxxPEG15H.27,
TSM-xxxPEG15H.28, TSM-xxxPEG15H.29, TSM-xxxPEG15H.40,
TSM-xxxPEG15H.47 (xxx=340-360, in steps of 5);
TSM-xxxPEG15H(II), TSM-xxxPEG15H.05(II), TSM-xxxPEG15H.25(II),
TSM-xxxPEG15H.07(II), TSM-xxxPEG15H.20(II), TSM-
xxxPEG15H.27(II),
TSM-xxxPEG15H.28(II), TSM-xxxPEG15H.29(II), TSM-
xxxPEG15H.40(II), TSM-xxxPEG15H.47(II)
(xxx=340-400, in steps of 5).

120 cells:

TSM-xxxPEG6H, TSM-xxxPEG6H.05, TSM-xxxPEG6H.25, TSM-
xxxPEG6H.07, TSM-xxxPEG6H.20, TSM-xxxPEG6H.27, TSM-
xxxPEG6H.28, TSM-xxxPEG6H.29, TSM-xxxPEG6H.40, TSM-
xxxPEG6H.47 (xxx=280-300, in steps of 5);
TSM-xxxPEG6H(II), TSM-xxxPEG6H.05(II), TSM-xxxPEG6H.25(II),
TSM-xxxPEG6H.07(II), TSM-xxxPEG6H.20(II), TSM-xxxPEG6H.27(II),
TSM-xxxPEG6H.28(II), TSM-xxxPEG6H.29(II), TSM-xxxPEG6H.40(II),
TSM-xxxPEG6H.47(II), (xxx=280-330, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG14M(II), TSM-xxxPEG14M.05(II), TSM-xxxPEG14M.25(II),
TSM-xxxPEG14M.07(II), TSM-xxxPEG14M.20(II), TSM-
xxxPEG14M.27(II), TSM-xxxPEG14M.28(II), TSM-xxxPEG14M.29(II),
TSM-xxxPEG14M.40(II), TSM-xxxPEG14M.47(II)
(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5M(II), TSM-xxxPEG5M.05(II), TSM-xxxPEG5M.25(II),
TSM-xxxPEG5M.07(II), TSM-xxxPEG5M.20(II), TSM-xxxPEG5M.27(II),
TSM-xxxPEG5M.28(II), TSM-xxxPEG5M.29(II), TSM-xxxPEG5M.40(II),
TSM-xxxPEG5M.47(II) (xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG15M(II), TSM-xxxPEG15M.05(II), TSM-xxxPEG15M.25(II),
TSM-xxxPEG15M.07(II), TSM-xxxPEG15M.20(II), TSM-
xxxPEG15M.27(II), TSM-xxxPEG15M.28(II), TSM-xxxPEG15M.29(II),
TSM-xxxPEG15M.40(II), TSM-xxxPEG15M.47(II)
(xxx=340-405, in steps of 5).

120 cells:

TSM-xxxPEG6M(II), TSM-xxxPEG6M.05(II), TSM-xxxPEG6M.25(II),
TSM-xxxPEG6M.07(II), TSM-xxxPEG6M.20(II), TSM-xxxPEG6M.27(II),
TSM-xxxPEG6M.28(II), TSM-xxxPEG6M.29(II), TSM-xxxPEG6M.40(II),
TSM-xxxPEG6M.47(II) (xxx=280-335, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:

144 cells:

Page 14 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

TSM-xxxPEG17MC(II), TSM-xxxPEG17MC.05(II),
TSM-xxxPEG17MC.25(II), TSM-xxxPEG17MC.07(II),
TSM-xxxPEG17MC.20(II), TSM-xxxPEG17MC.27(II),
TSM-xxxPEG17MC.28(II), TSM-xxxPEG17MC.29(II)
(xxx=410-445, in steps of 5).

120 cells:

TSM-xxxPEG8MC(II), TSM-xxxPEG8MC.05(II), TSM-xxxPEG8MC.25(II),
TSM-xxxPEG8MC.07(II), TSM-xxxPEG8MC.20(II), TSM-
xxxPEG8MC.27(II), TSM-xxxPEG8MC.28(II), TSM-xxxPEG8MC.29(II)
(xxx=350-365, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:
(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxPEG17M(II), TSM-xxxPEG17M.05(II), TSM-xxxPEG17M.25(II),
TSM-xxxPEG17M.07(II), TSM-xxxPEG17M.20(II), TSM-
xxxPEG17M.27(II), TSM-xxxPEG17M.28(II), TSM-xxxPEG17M.29(II)
(xxx=410-445, in steps of 5).

120 cells:

TSM-xxxPEG8M(II), TSM-xxxPEG8M.05(II), TSM-xxxPEG8M.25(II),
TSM-xxxPEG8M.07(II), TSM-xxxPEG8M.20(II), TSM-xxxPEG8M.27(II),
TSM-xxxPEG8M.28(II), TSM-xxxPEG8M.29(II) (xxx=350-365, in steps of
5).

poly series with 157 x 31.4 (mm) 1/5 cutting cells:

336 cells:

TSM-xxxPEG5ZV, TSM-xxxPEG5ZV.05, TSM-xxxPEG5ZV.07,
TSM-xxxPEG5ZV.40, TSM-xxxPEG5ZV.47
(xxx=280-300, in steps of 5).

Smart PV modules:

(Module Type with junction box TSD301xy)

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG21C.20S (xxx=625-675, in steps of 5)

120 cells:

TSM-xxxDEG20C.20S (xxx=570-605, in steps of 5)

110 cells:

TSM-xxxDEG19C.20S (xxx=525-555, in steps of 5)

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20S (xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B7S (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0S, TSM-xxxDEG9R.B8S

(xxx=395-435, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

Page 15 of 16

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TUV®



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 26

150 cells:
TSM-xxxDEG18MC.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

150 cells:
TSM-xxxDEG18M.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:
TSM-xxxNEG21C.20S (xxx=635-690, in steps of 5)

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:
TSM-xxxNEG19RC.20S (xxx=565-595, in steps of 5)

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:
TSM-xxxNEG9R.20S, TSM-xxxNEG9R.28S (xxx=395-445, in steps of 5)
xxx stands for rated output power at STC

Parameters:

Construction:	Framed and Frameless with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class C or Class A according to UL 790
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute, No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China.

Tested according to:

EN IEC 61730-1:2018
EN IEC 61730-2:2018
EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018/AC:2018-06

Page 16 of 16

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TUV®



Product Service

CERTIFICATE

No. Z2 070321 0097 Rev. 52

Holder of Certificate: **Trina Solar Co., Ltd.**

No. 2 TianHe Road, Trina PV Industrial Park
New District
213031 Changzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Mono & Poly Crystalline Silicon Photovoltaic (PV) Module(s)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290170581767

Valid until: 2029-02-27

Date, 2024-03-05

(Zhulin Zhang)

CERTIFICATE

No. Z2 070321 0097 Rev. 52

Model(s):

mono series with 157 x 157 (mm) and 156.75 x 156.75 (mm) solar cells:

72 cells:

TSM-xxxDEG14(II), TSM-xxxDEG14.05(II), TSM-xxxDEG14.25(II),
TSM-xxxDEG14.07(II), TSM-xxxDEG14.20(II),
TSM-xxxDEG14.27(II), TSM-xxxDEG14.28(II),
TSM-xxxDEG14.29(II), TSM-xxxDEG14.40(II),
TSM-xxxDEG14.47(II) (xxx=330-390, in steps of 5).

60 cells:

TSM-xxxDEG5(II), TSM-xxxDEG5.05(II), TSM-xxxDEG5.25(II), TSM-
xxxDEG5.07(II), TSM-xxxDEG5.20(II), TSM-xxxDEG5.27(II), TSM-
xxxDEG5.28(II), TSM-xxxDEG5.29(II), TSM-xxxDEG5.40(II), TSM-
xxxDEG5.47(II) (xxx=275-325, in steps of 5).

mono series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxDEG15(II), TSM-xxxDEG15.05(II), TSM-xxxDEG15.25(II), TSM-
xxxDEG15.07(II), TSM-xxxDEG15.20(II),
TSM-xxxDEG15.27(II), TSM-xxxDEG15.28(II),
TSM-xxxDEG15.29(II), TSM-xxxDEG15.40(II),
TSM-xxxDEG15.47(II) (xxx=330-380, in steps of 5).

60 cells:

TSM-xxxDEG6(II), TSM-xxxDEG6.05(II), TSM-xxxDEG6.25(II), TSM-
xxxDEG6.07(II), TSM-xxxDEG6.20(II), TSM-xxxDEG6.27(II), TSM-
xxxDEG6.28(II), TSM-xxxDEG6.29(II), TSM-xxxDEG6.40(II), TSM-
xxxDEG6.47(II) (xxx=275-315, in steps of 5).

mono series with 157 x 157 (mm) bifacial cell:

72 cells:

TSM-xxxDEG14C(II), TSM-xxxDEG14C.05(II),
TSM-xxxDEG14C.25(II), TSM-xxxDEG14C.07(II),
TSM-xxxDEG14C.20(II), TSM-xxxDEG14C.27(II),
TSM-xxxDEG14C.28(II), TSM-xxxDEG14C.29(II)
(xxx=335-370, in steps of 5).

60 cells:

TSM-xxxDEG5C(II), TSM-xxxDEG5C.05(II),
TSM-xxxDEG5C.25(II), TSM-xxxDEG5C.07(II),
TSM-xxxDEG5C.20(II), TSM-xxxDEG5C.27(II),
TSM-xxxDEG5C.28(II), TSM-xxxDEG5C.29(II)
(xxx=285-305, in steps of 5).

mono series with 158.75 x 158.75 (mm) bifacial cell:

72 cells:

TSM-xxxDEG15C(II), TSM-xxxDEG15C.05(II),
TSM-xxxDEG15C.25(II), TSM-xxxDEG15C.07(II),
TSM-xxxDEG15C.20(II), TSM-xxxDEG15C.27(II),
TSM-xxxDEG15C.28(II), TSM-xxxDEG15C.29(II)
(xxx=335-350, in steps of 5).

60 cells:

TSM-xxxDEG6C(II), TSM-xxxDEG6C.05(II),
TSM-xxxDEG6C.25(II), TSM-xxxDEG6C.07(II),
TSM-xxxDEG6C.20(II), TSM-xxxDEG6C.27(II),
TSM-xxxDEG6C.28(II), TSM-xxxDEG6C.29(II)
(xxx=285-295, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxDEG14H(II), TSM-xxxDEG14H.05(II),
TSM-xxxDEG14H.25(II), TSM-xxxDEG14H.07(II),
TSM-xxxDEG14H.20(II), TSM-xxxDEG14H.27(II),
TSM-xxxDEG14H.28(II), TSM-xxxDEG14H.29(II),
TSM-xxxDEG14H.40(II), TSM-xxxDEG14H.47(II)

CERTIFICATE

No. Z2 070321 0097 Rev. 52

(xxx=345-395, in steps of 5).

120 cells:

TSM-xxxDEG5H(II), TSM-xxxDEG5H.05(II),
TSM-xxxDEG5H.25(II), TSM-xxxDEG5H.07(II),
TSM-xxxDEG5H.20(II), TSM-xxxDEG5H.27(II),
TSM-xxxDEG5H.28(II), TSM-xxxDEG5H.29(II),
TSM-xxxDEG5H.40(II), TSM-xxxDEG5H.47(II)

(xxx=290-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxDEG15H(II), TSM-xxxDEG15H.05(II),
TSM-xxxDEG15H.25(II), TSM-xxxDEG15H.07(II),
TSM-xxxDEG15H.20(II), TSM-xxxDEG15H.27(II),
TSM-xxxDEG15H.28(II), TSM-xxxDEG15H.29(II),
TSM-xxxDEG15H.40(II), TSM-xxxDEG15H.47(II)

(xxx=380-410, in steps of 5).

120 cells:

TSM-xxxDEG6H(II), TSM-xxxDEG6H.05(II),
TSM-xxxDEG6H.25(II), TSM-xxxDEG6H.07(II),
TSM-xxxDEG6H.20(II), TSM-xxxDEG6H.27(II),
TSM-xxxDEG6H.28(II), TSM-xxxDEG6H.29(II),
TSM-xxxDEG6H.40(II), TSM-xxxDEG6H.47(II)

(xxx=310-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxDEG14M(II), TSM-xxxDEG14M.05(II),
TSM-xxxDEG14M.25(II), TSM-xxxDEG14M.07(II),
TSM-xxxDEG14M.20(II), TSM-xxxDEG14M.27(II),
TSM-xxxDEG14M.28(II), TSM-xxxDEG14M.29(II),
TSM-xxxDEG14M.40(II), TSM-xxxDEG14M.47(II)

(xxx=345-385, in steps of 5).

120 cells:

TSM-xxxDEG5M(II), TSM-xxxDEG5M.05(II),
TSM-xxxDEG5M.25(II), TSM-xxxDEG5M.07(II),
TSM-xxxDEG5M.20(II), TSM-xxxDEG5M.27(II),
TSM-xxxDEG5M.28(II), TSM-xxxDEG5M.29(II),
TSM-xxxDEG5M.40(II), TSM-xxxDEG5M.47(II)

(xxx=290-320, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG15M(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.27(II),
TSM-xxxDEG15M.28(II), TSM-xxxDEG15M.29(II),
TSM-xxxDEG15M.40(II), TSM-xxxDEG15M.47(II)

(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxDEG6M(II), TSM-xxxDEG6M.05(II),
TSM-xxxDEG6M.25(II), TSM-xxxDEG6M.07(II),
TSM-xxxDEG6M.20(II), TSM-xxxDEG6M.27(II),
TSM-xxxDEG6M.28(II), TSM-xxxDEG6M.29(II),
TSM-xxxDEG6M.40(II), TSM-xxxDEG6M.47(II)

(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG17M(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.25(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.20(II), TSM-xxxDEG17M.27(II),

CERTIFICATE

No. Z2 070321 0097 Rev. 52

TSM-xxxDEG17M.28(II), TSM-xxxDEG17M.29(II),
TSM-xxxDEG17M.40(II), TSM-xxxDEG17M.47(II)
(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8M(II), TSM-xxxDEG8M.05(II),
TSM-xxxDEG8M.25(II), TSM-xxxDEG8M.07(II),
TSM-xxxDEG8M.20(II), TSM-xxxDEG8M.27(II),
TSM-xxxDEG8M.28(II), TSM-xxxDEG8M.29(II),
TSM-xxxDEG8M.40(II), TSM-xxxDEG8M.47(II)
(xxx=355-380, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG14HC(II), TSM-xxxDEG14HC.05(II),
TSM-xxxDEG14HC.25(II), TSM-xxxDEG14HC.07(II),
TSM-xxxDEG14HC.20(II), TSM-xxxDEG14HC.27(II),
TSM-xxxDEG14HC.28(II), TSM-xxxDEG14HC.29(II)
(xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5HC(II), TSM-xxxDEG5HC.05(II),
TSM-xxxDEG5HC.25(II), TSM-xxxDEG5HC.07(II),
TSM-xxxDEG5HC.20(II), TSM-xxxDEG5HC.27(II),
TSM-xxxDEG5HC.28(II), TSM-xxxDEG5HC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG15HC(II), TSM-xxxDEG15HC.05(II),
TSM-xxxDEG15HC.25(II), TSM-xxxDEG15HC.07(II),
TSM-xxxDEG15HC.20(II), TSM-xxxDEG15HC.27(II),
TSM-xxxDEG15HC.28(II), TSM-xxxDEG15HC.29(II)
(xxx=350-410, in steps of 5).

120 cells:

TSM-xxxDEG6HC(II), TSM-xxxDEG6HC.05(II),
TSM-xxxDEG6HC.25(II), TSM-xxxDEG6HC.07(II),
TSM-xxxDEG6HC.20(II), TSM-xxxDEG6HC.27(II),
TSM-xxxDEG6HC.28(II), TSM-xxxDEG6HC.29(II)
(xxx=295-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG14MC(II), TSM-xxxDEG14MC.05(II),
TSM-xxxDEG14MC.25(II), TSM-xxxDEG14MC.07(II),
TSM-xxxDEG14MC.20(II), TSM-xxxDEG14MC.27(II),
TSM-xxxDEG14MC.28(II), TSM-xxxDEG14MC.29(II)
(xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5MC(II), TSM-xxxDEG5MC.05(II), TSM-
xxxDEG5MC.25(II), TSM-xxxDEG5MC.07(II), TSM-xxxDEG5MC.20(II),
TSM-xxxDEG5MC.27(II), TSM-xxxDEG5MC.28(II), TSM-
xxxDEG5MC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.05(II), TSM-
xxxDEG15MC.25(II), TSM-xxxDEG15MC.07(II), TSM-
xxxDEG15MC.20(II), TSM-xxxDEG15MC.27(II), TSM-
xxxDEG15MC.28(II), TSM-xxxDEG15MC.29(II)
(xxx=350-425, in steps of 5).

120 cells:

TSM-xxxDEG6MC(II), TSM-xxxDEG6MC.05(II), TSM-

CERTIFICATE

No. Z2 070321 0097 Rev. 52

xxxDEG6MC.25(II), TSM-xxxDEG6MC.07(II), TSM-xxxDEG6MC.20(II),
TSM-xxxDEG6MC.27(II), TSM-xxxDEG6MC.28(II), TSM-
xxxDEG6MC.29(II)
(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG17MC(II), TSM-xxxDEG17MC.05(II), TSM-
xxxDEG17MC.25(II), TSM-xxxDEG17MC.07(II), TSM-
xxxDEG17MC.20(II), TSM-xxxDEG17MC.27(II), TSM-
xxxDEG17MC.28(II), TSM-xxxDEG17MC.29(II)

(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8MC(II), TSM-xxxDEG8MC.05(II), TSM-
xxxDEG8MC.25(II), TSM-xxxDEG8MC.07(II), TSM-xxxDEG8MC.20(II),
TSM-xxxDEG8MC.27(II), TSM-xxxDEG8MC.28(II), TSM-
xxxDEG8MC.29(II)

(xxx=355-380, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxDEG18MC(II), TSM-xxxDEG18MC.05(II),
TSM-xxxDEG18MC.25(II), TSM-xxxDEG18MC.07(II),
TSM-xxxDEG18MC.20(II), TSM-xxxDEG18MC.27(II),
TSM-xxxDEG18MC.28(II), TSM-xxxDEG18MC.29(II),
TSM-xxxDEG18MC.20W(II) (xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9C.20, TSM-xxxDEG9C.25,
TSM-xxxDEG9C.27, TSM-xxxDEG9C.28,
TSM-xxxDEG9C.29

(xxx=370-405, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

150 cells:

TSM-xxxDEG18M(II), TSM-xxxDEG18M.05(II),
TSM-xxxDEG18M.25(II), TSM-xxxDEG18M.07(II),
TSM-xxxDEG18M.20(II), TSM-xxxDEG18M.27(II),
TSM-xxxDEG18M.28(II), TSM-xxxDEG18M.29(II)

(xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9.20, TSM-xxxDEG9.25,
TSM-xxxDEG9.27, TSM-xxxDEG9.28,
TSM-xxxDEG9.29

(xxx=370-405, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell

(for cells splicing technology):

156 cells:

TSM-xxxDEG17XC.25(II), TSM-xxxDEG17XC.20(II),
TSM-xxxDEG17XC.27(II), TSM-xxxDEG17XC.28(II),
TSM-xxxDEG17XC.29(II) (xxx=445-490, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell

(for cells splicing technology)

(Module Type for rear side with white EVA or Glass white):

156 cells:

TSM-xxxDEG17X.25(II), TSM-xxxDEG17X.20(II),
TSM-xxxDEG17X.27(II), TSM-xxxDEG17X.28(II),
TSM-xxxDEG17X.29(II) (xxx=445-490, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

CERTIFICATE

No. Z2 070321 0097 Rev. 52

120 cells:

TSM-xxxDEG20C.20, TSM-xxxDEG20C.25,
TSM-xxxDEG20C.27, TSM-xxxDEG20C.28,
TSM-xxxDEG20C.29, TSM-xxxDEG20C.20W,
TSM-xxxDEG20C.28W, TSM-xxxDEG20C.70,
(xxx=570-610, in steps of 5).

110 cells:

TSM-xxxDEG19C.20, TSM-xxxDEG19C.25,
TSM-xxxDEG19C.27, TSM-xxxDEG19C.28,
TSM-xxxDEG19C.29, TSM-xxxDEG19C.20W
(xxx=525-555, in steps of 5).

132 cells:

TSM-xxxDEG21C.20, TSM-xxxDEG21C.25,
TSM-xxxDEG21C.27, TSM-xxxDEG21C.28,
TSM-xxxDEG21C.29, TSM-xxxDEG21C.20W,
TSM-xxxDEG21C.70, TSM-xxxDEG21C.80
(xxx=625-675, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxDEG20.20, TSM-xxxDEG20.25,
TSM-xxxDEG20.27, TSM-xxxDEG20.28,
TSM-xxxDEG20.29 (xxx=575-605, in steps of 5).

110 cells:

TSM-xxxDEG19.20, TSM-xxxDEG19.25,
TSM-xxxDEG19.27, TSM-xxxDEG19.28,
TSM-xxxDEG19.29 (xxx=525-555, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG18C.20, TSM-xxxDEG18C.25,
TSM-xxxDEG18C.27, TSM-xxxDEG18C.28,
TSM-xxxDEG18C.29, TSM-xxxDEG18C.20W
(xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10C.20, TSM-xxxDEG10C.25,
TSM-xxxDEG10C.27, TSM-xxxDEG10C.28,
TSM-xxxDEG10C.29 (xxx=425-450, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG18.20, TSM-xxxDEG18.25,
TSM-xxxDEG18.27, TSM-xxxDEG18.28,
TSM-xxxDEG18.29 (xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10.20, TSM-xxxDEG10.25,
TSM-xxxDEG10.27, TSM-xxxDEG10.28,
TSM-xxxDEG10.29 (xxx=425-450, in steps of 5).

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20, TSM-xxxDEG19RC.25,
TSM-xxxDEG19RC.27, TSM-xxxDEG19RC.28,
TSM-xxxDEG19RC.29, TSM-xxxDEG19RC.B0,
TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7,
TSM-xxxDEG19RC.B8, TSM-xxxDEG19RC.B9,
TSM-xxxDEG19RC.20W, TSM-xxxDEG19RC.70,
TSM-xxxDEG19RC.80 (xxx=540-590, in steps of 5)

CERTIFICATE

No. Z2 070321 0097 Rev. 52

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxDEG19R.20, TSM-xxxDEG19R.25, TSM-xxxDEG19R.27,
TSM-xxxDEG19R.28, TSM-xxxDEG19R.29, TSM-xxxDEG19R.B0,
TSM-xxxDEG19R.B5, TSM-xxxDEG19R.B7, TSM-xxxDEG19R.B8,
TSM-xxxDEG19R.B9, (xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B0, TSM-xxxDEG9RC.B5,
TSM-xxxDEG9RC.B7, TSM-xxxDEG9RC.B8,
TSM-xxxDEG9RC.B9, TSM-xxxDEG9RC.20,
TSM-xxxDEG9RC.25, TSM-xxxDEG9RC.28,
TSM-xxxDEG9RC.27, TSM-xxxDEG9RC.29,
TSM-xxxDEG9RC.27W (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0, TSM-xxxDEG9R.B5, TSM-xxxDEG9R.B7,
TSM-xxxDEG9R.B8, TSM-xxxDEG9R.B9, TSM-xxxDEG9R.20,
TSM-xxxDEG9R.25, TSM-xxxDEG9R.27, TSM-xxxDEG9R.28,
TSM-xxxDEG9R.29, TSM-xxxDEG9R.20W, TSM-xxxDEG9R.28W
(xxx=395-435, in steps of 5)

mono series with 158.75 x 52.9 (mm) 1/3 cutting MBB bifacial cell:

252 cells:

TSM-xxxDEG15VC.20(II), TSM-xxxDEG15VC.25(II),
TSM-xxxDEG15VC.27(II), TSM-xxxDEG15VC.28(II),
TSM-xxxDEG15VC.29(II) (xxx=465-490, in steps of 5).

mono series with 157 x 157 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG14C(II), TSM-xxxNEG14C.05(II),
TSM-xxxNEG14C.25(II), TSM-xxxNEG14C.07(II),
TSM-xxxNEG14C.20(II), TSM-xxxNEG14C.27(II),
TSM-xxxNEG14C.28(II), TSM-xxxNEG14C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG5C(II), TSM-xxxNEG5C.05(II), TSM-xxxNEG5C.25(II),
TSM-xxxNEG5C.07(II), TSM-xxxNEG5C.20(II), TSM-xxxNEG5C.27(II),
TSM-xxxNEG5C.28(II), TSM-xxxNEG5C.29(II) (xxx=295-305, in steps
of 5).

mono series with 158.75 x 158.75 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG15C(II), TSM-xxxNEG15C.05(II),
TSM-xxxNEG15C.25(II), TSM-xxxNEG15C.07(II),
TSM-xxxNEG15C.20(II), TSM-xxxNEG15C.27(II),
TSM-xxxNEG15C.28(II), TSM-xxxNEG15C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG6C(II), TSM-xxxNEG6C.05(II), TSM-xxxNEG6C.25(II),
TSM-xxxNEG6C.07(II), TSM-xxxNEG6C.20(II), TSM-xxxNEG6C.27(II),
TSM-xxxNEG6C.28(II), TSM-xxxNEG6C.29(II) (xxx=295-305, in steps
of 5).

mono series with 161.7 x 161.7 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG16C(II), TSM-xxxNEG16C.05(II),

CERTIFICATE

No. Z2 070321 0097 Rev. 52

TSM-xxxNEG16C.25(II), TSM-xxxNEG16C.07(II),
TSM-xxxNEG16C.20(II), TSM-xxxNEG16C.27(II),
TSM-xxxNEG16C.28(II), TSM-xxxNEG16C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG7C(II), TSM-xxxNEG7C.05(II), TSM-xxxNEG7C.25(II),
TSM-xxxNEG7C.07(II), TSM-xxxNEG7C.20(II), TSM-xxxNEG7C.27(II),
TSM-xxxNEG7C.28(II), TSM-xxxNEG7C.29(II) (xxx=295-305, in steps
of 5).

mono series with 157 x 78.5 (mm) half cutting N type MBB bifacial
cell:

144 cells:

TSM-xxxNEG14MC(II), TSM-xxxNEG14MC.05(II),
TSM-xxxNEG14MC.25(II), TSM-xxxNEG14MC.07(II),
TSM-xxxNEG14MC.20(II), TSM-xxxNEG14MC.27(II),
TSM-xxxNEG14MC.28(II), TSM-xxxNEG14MC.29(II)
(xxx=350-380, in steps of 5).

120 cells:

TSM-xxxNEG5MC(II), TSM-xxxNEG5MC.05(II),
TSM-xxxNEG5MC.25(II), TSM-xxxNEG5MC.07(II),
TSM-xxxNEG5MC.20(II), TSM-xxxNEG5MC.27(II),
TSM-xxxNEG5MC.28(II), TSM-xxxNEG5MC.29(II)
(xxx=295-315, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB
bifacial cell:

144 cells:

TSM-xxxNEG15MC(II), TSM-xxxNEG15MC.05(II),
TSM-xxxNEG15MC.25(II), TSM-xxxNEG15MC.07(II),
TSM-xxxNEG15MC.20(II), TSM-xxxNEG15MC.27(II),
TSM-xxxNEG15MC.28(II), TSM-xxxNEG15MC.29(II)
(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxNEG6MC(II), TSM-xxxNEG6MC.05(II),
TSM-xxxNEG6MC.25(II), TSM-xxxNEG6MC.07(II),
TSM-xxxNEG6MC.20(II), TSM-xxxNEG6MC.27(II),
TSM-xxxNEG6MC.28(II), TSM-xxxNEG6MC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB
bifacial cell (Module Type for rear side with white EVA or Glass
white):

144 cells:

TSM-xxxNEG15M(II), TSM-xxxNEG15M.05(II),
TSM-xxxNEG15M.25(II), TSM-xxxNEG15M.07(II),
TSM-xxxNEG15M.20(II), TSM-xxxNEG15M.27(II),
TSM-xxxNEG15M.28(II), TSM-xxxNEG15M.29(II)
(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxNEG6M(II), TSM-xxxNEG6M.05(II), TSM-xxxNEG6M.25(II),
TSM-xxxNEG6M.07(II), TSM-xxxNEG6M.20(II), TSM-xxxNEG6M.27(II),
TSM-xxxNEG6M.28(II), TSM-xxxNEG6M.29(II) (xxx=295-345, in steps
of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial
cell (Module Type for rear side with white EVA or white Glass):

144 cells:

TSM-xxxNEG16M(II), TSM-xxxNEG16M.05(II),
TSM-xxxNEG16M.25(II), TSM-xxxNEG16M.07(II),
TSM-xxxNEG16M.20(II), TSM-xxxNEG16M.27(II),
TSM-xxxNEG16M.28(II), TSM-xxxNEG16M.29(II)

CERTIFICATE

No. Z2 070321 0097 Rev. 52

(xxx=390-435, in steps of 5).

120 cells:

TSM-xxxNEG7M(II), TSM-xxxNEG7M.05(II),
TSM-xxxNEG7M.25(II), TSM-xxxNEG7M.07(II),
TSM-xxxNEG7M.20(II), TSM-xxxNEG7MC.27(II),
TSM-xxxNEG7M.28(II), TSM-xxxNEG7M.29(II)

(xxx=325-360, in steps of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG16MC(II), TSM-xxxNEG16MC.05(II),
TSM-xxxNEG16MC.25(II), TSM-xxxNEG16MC.07(II),
TSM-xxxNEG16MC.20(II), TSM-xxxNEG16MC.27(II),
TSM-xxxNEG16MC.28(II), TSM-xxxNEG16MC.29(II)

(xxx=390-415, in steps of 5).

120 cells:

TSM-xxxNEG7MC(II), TSM-xxxNEG7MC.05(II),
TSM-xxxNEG7MC.25(II), TSM-xxxNEG7MC.07(II),
TSM-xxxNEG7MC.20(II), TSM-xxxNEG7MC.27(II),
TSM-xxxNEG7MC.28(II), TSM-xxxNEG7MC.29(II)

(xxx=325-345, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxNEG18MC.20(II), TSM-xxxNEG18MC.25(II),
TSM-xxxNEG18MC.27(II), TSM-xxxNEG18MC.28(II),
TSM-xxxNEG18MC.29(II), TSM-xxxNEG18MC.30(II)

(xxx=500-520, in steps of 5).

120 cells:

TSM-xxxNEG9C.20, TSM-xxxNEG9C.25,
TSM-xxxNEG9C.27, TSM-xxxNEG9C.28,
TSM-xxxNEG9C.29

(xxx=390-430, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxNEG9.20, TSM-xxxNEG9.25,
TSM-xxxNEG9.27, TSM-xxxNEG9.28,
TSM-xxxNEG9.29

(xxx=390-430, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

120 cells:

TSM-xxxNEG20C.20, TSM-xxxNEG20C.25,
TSM-xxxNEG20C.27, TSM-xxxNEG20C.28,
TSM-xxxNEG20C.29, TSM-xxxNEG20C.70,
TSM-xxxNEG20C.C0 (xxx=580-650, in steps of 5).

110 cells:

TSM-xxxNEG19C.20, TSM-xxxNEG19C.25,
TSM-xxxNEG19C.27, TSM-xxxNEG19C.28,
TSM-xxxNEG19C.29 (xxx=530-570, in steps of 5).

132 cells:

TSM-xxxNEG21C.20, TSM-xxxNEG21C.25,
TSM-xxxNEG21C.27, TSM-xxxNEG21C.28,
TSM-xxxNEG21C.29, TSM-xxxNEG21C.70,
TSM-xxxNEG21C.80 (xxx=635-720, in steps of 5).

CERTIFICATE

No. Z2 070321 0097 Rev. 52

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxNEG9RC.20, TSM-xxxNEG9RC.25,
TSM-xxxNEG9RC.28, TSM-xxxNEG9RC.27,
TSM-xxxNEG9RC.29, TSM-xxxNEG9RC.B0,
TSM-xxxNEG9RC.B5, TSM-xxxNEG9RC.B8,
TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
(xxx=375-460, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxNEG9R.20, TSM-xxxNEG9R.25,
TSM-xxxNEG9R.28, TSM-xxxNEG9R.27,
TSM-xxxNEG9R.29, TSM-xxxNEG9R.B0,
TSM-xxxNEG9R.B5, TSM-xxxNEG9R.B8,
TSM-xxxNEG9R.B7, TSM-xxxNEG9R.B9,
(xxx=375-460, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG19RC.20, TSM-xxxNEG19RC.25,
TSM-xxxNEG19RC.27, TSM-xxxNEG19RC.28,
TSM-xxxNEG19RC.29, TSM-xxxNEG19RC.70,
TSM-xxxNEG19RC.80 (xxx=525-620, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxNEG19R.20, TSM-xxxNEG19R.25,
TSM-xxxNEG19R.27, TSM-xxxNEG19R.28,
TSM-xxxNEG19R.29, (xxx=525-620, in steps of 5).

108 cells

TSM-xxxNEG18R.20, TSM-xxxNEG18R.25,
TSM-xxxNEG18R.27, TSM-xxxNEG18R.28,
TSM-xxxNEG18R.29, (xxx=470-505, in steps of 5)

mono series with 182.0 x 91.0 (mm) or 182.2 x 91.875 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG18C.20, TSM-xxxNEG18C.25,
TSM-xxxNEG18C.27, TSM-xxxNEG18C.28,
TSM-xxxNEG18C.29, (xxx=555-595, in steps of 5)

mono series with 182.2 x 91.875(mm) half cutting N type MBB bifacial cell:

156 cells:

TSM-xxxNEG20MC.20, TSM-xxxNEG20MC.25,
TSM-xxxNEG20MC.27, TSM-xxxNEG20MC.28,
TSM-xxxNEG20MC.29, (xxx=600-635, in steps of 5)

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell (for cells splicing technology):

156 cells:

TSM-xxxNEG15XC(II), TSM-xxxNEG15XC.05(II),
TSM-xxxNEG15XC.25(II), TSM-xxxNEG15XC.07(II),

CERTIFICATE

No. Z2 070321 0097 Rev. 52

TSM-xxxNEG15XC.20(II), TSM-xxxNEG15XC.27(II),
TSM-xxxNEG15XC.28(II), TSM-xxxNEG15XC.29(II)
(xxx=425-445, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:

(Horizontal version: the long side of the cell is parallel to the long side of the module)

156 cells:

TSM-xxxHEG15XKC.203, TSM-xxxHEG15XKC.253,
TSM-xxxHEG15XKC.273, TSM-xxxHEG15XKC.283,
TSM-xxxHEG15XKC.293 (xxx=435-455, in steps of 5).

182 cells:

TSM-xxxHEG15YKC.20, TSM-xxxHEG15YKC.25,
TSM-xxxHEG15YKC.27, TSM-xxxHEG15YKC.28,
TSM-xxxHEG15YKC.29 (xxx=515-530, in steps of 5).

168 cells:

TSM-xxxHEG15VKC.20, TSM-xxxHEG15VKC.25,
TSM-xxxHEG15VKC.27, TSM-xxxHEG15VKC.28,
TSM-xxxHEG15VKC.29 (xxx=475-485, in steps of 5).

130 cells:

TSM-xxxHEG6XKC.20, TSM-xxxHEG6XKC.25,
TSM-xxxHEG6XKC.27, TSM-xxxHEG6XKC.28,
TSM-xxxHEG6XKC.29 (xxx=370-375, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

156 cells:

TSM-xxxHEG15XC.20, TSM-xxxHEG15XC.25,
TSM-xxxHEG15XC.27, TSM-xxxHEG15XC.28,
TSM-xxxHEG15XC.29 (xxx=440-460, in steps of 5).

144 cells:

TSM-xxxHEG15C.20, TSM-xxxHEG15C.25,
TSM-xxxHEG15C.27, TSM-xxxHEG15C.28,
TSM-xxxHEG15C.29 (xxx=410-425, in steps of 5).

120 cells:

TSM-xxxHEG6C.20, TSM-xxxHEG6C.25,
TSM-xxxHEG6C.27, TSM-xxxHEG6C.28,
TSM-xxxHEG6C.29 (xxx=340-350, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

132 cells:

TSM-xxxHEG21C.20, TSM-xxxHEG21C.25,
TSM-xxxHEG21C.27, TSM-xxxHEG21C.28,
TSM-xxxHEG21C.29 (xxx=640-685, in steps of 5).

120 cells:

TSM-xxxHEG20C.20, TSM-xxxHEG20C.25,
TSM-xxxHEG20C.27, TSM-xxxHEG20C.28,
TSM-xxxHEG20C.29 (xxx=585-620, in steps of 5).

110 cells:

TSM-xxxHEG19C.20, TSM-xxxHEG19C.25,
TSM-xxxHEG19C.27, TSM-xxxHEG19C.28,
TSM-xxxHEG19C.29 (xxx=530-565, in steps of 5).

mono series with 157 x 31.4 (mm) 1/5 cutting cells:

336 cells:

TSM-xxxDEG5ZV(II), TSM-xxxDEG5ZV.05(II), TSM-xxxDEG5ZV.07(II),

CERTIFICATE

No. Z2 070321 0097 Rev. 52

TSM-xxxDEG5ZV.40(II), TSM-xxxDEG5ZV.47(II) (xxx=305-330, in steps of 5).

poly series with 157 x 157 (mm) and 156 x 156 (mm) solar cells:
72 cells:

TSM-xxxPEG14, TSM-xxxPEG14.05, TSM-xxxPEG14.25, TSM-xxxPEG14.07, TSM-xxxPEG14.20, TSM-xxxPEG14.27, TSM-xxxPEG14.28, TSM-xxxPEG14.29, TSM-xxxPEG14.40, TSM-xxxPEG14.47 (xxx=315-360, in steps of 5);
TSM-xxxPEG14(II), TSM-xxxPEG14.05(II), TSM-xxxPEG14.25(II), TSM-xxxPEG14.07(II), TSM-xxxPEG14.20(II), TSM-xxxPEG14.27(II), TSM-xxxPEG14.28(II), TSM-xxxPEG14.29(II), TSM-xxxPEG14.40(II), TSM-xxxPEG14.47(II)
(xxx=315-360, in steps of 5).

60 cells:

TSM-xxxPEG5, TSM-xxxPEG5.05, TSM-xxxPEG5.25, TSM-xxxPEG5.07, TSM-xxxPEG5.20, TSM-xxxPEG5.27, TSM-xxxPEG5.28, TSM-xxxPEG5.29, TSM-xxxPEG5.40, TSM-xxxPEG5.47 (xxx=265-300, in steps of 5);
TSM-xxxPEG5(II), TSM-xxxPEG5.05(II), TSM-xxxPEG5.25(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.20(II), TSM-xxxPEG5.27(II), TSM-xxxPEG5.28(II), TSM-xxxPEG5.29(II), TSM-xxxPEG5.40(II), TSM-xxxPEG5.47(II) (xxx=265-300, in steps of 5).

poly series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxPEG15, TSM-xxxPEG15.05, TSM-xxxPEG15.25, TSM-xxxPEG15.07, TSM-xxxPEG15.20, TSM-xxxPEG15.27, TSM-xxxPEG15.28, TSM-xxxPEG15.29, TSM-xxxPEG15.40, TSM-xxxPEG15.47 (xxx=315-360, in steps of 5);
TSM-xxxPEG15(II), TSM-xxxPEG15.05(II), TSM-xxxPEG15.25(II), TSM-xxxPEG15.07(II), TSM-xxxPEG15.20(II), TSM-xxxPEG15.27(II), TSM-xxxPEG15.28(II), TSM-xxxPEG15.29(II), TSM-xxxPEG15.40(II), TSM-xxxPEG15.47(II) (xxx=315-360, in steps of 5).

60 cells:

TSM-xxxPEG6, TSM-xxxPEG6.05, TSM-xxxPEG6.25, TSM-xxxPEG6.07, TSM-xxxPEG6.20, TSM-xxxPEG6.27, TSM-xxxPEG6.28, TSM-xxxPEG6.29, TSM-xxxPEG6.40, TSM-xxxPEG6.47 (xxx=265-300, in steps of 5);
TSM-xxxPEG6(II), TSM-xxxPEG6.05(II), TSM-xxxPEG6.25(II), TSM-xxxPEG6.07(II), TSM-xxxPEG6.20(II), TSM-xxxPEG6.27(II), TSM-xxxPEG6.28(II), TSM-xxxPEG6.29(II), TSM-xxxPEG6.40(II), TSM-xxxPEG6.47(II) (xxx=265-300, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxPEG14H, TSM-xxxPEG14H.05, TSM-xxxPEG14H.25, TSM-xxxPEG14H.07, TSM-xxxPEG14H.20, TSM-xxxPEG14H.27, TSM-xxxPEG14H.28, TSM-xxxPEG14H.29, TSM-xxxPEG14H.40, TSM-xxxPEG14H.47 (xxx=330-360, in steps of 5);
TSM-xxxPEG14H(II), TSM-xxxPEG14H.05(II), TSM-xxxPEG14H.25(II), TSM-xxxPEG14H.07(II), TSM-xxxPEG14H.20(II), TSM-xxxPEG14H.27(II), TSM-xxxPEG14H.28(II), TSM-xxxPEG14H.29(II), TSM-xxxPEG14H.40(II), TSM-xxxPEG14H.47(II)
(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5H, TSM-xxxPEG5H.05, TSM-xxxPEG5H.25, TSM-xxxPEG5H.07, TSM-xxxPEG5H.20, TSM-xxxPEG5H.27, TSM-xxxPEG5H.28, TSM-xxxPEG5H.29, TSM-xxxPEG5H.40, TSM-xxxPEG5H.47 (xxx=275-300, in steps of 5);
TSM-xxxPEG5H(II), TSM-xxxPEG5H.05(II), TSM-xxxPEG5H.25(II),

CERTIFICATE

No. Z2 070321 0097 Rev. 52

TSM-xxxPEG5H.07(II), TSM-xxxPEG5H.20(II), TSM-xxxPEG5H.27(II),
TSM-xxxPEG5H.28(II), TSM-xxxPEG5H.29(II), TSM-xxxPEG5H.40(II),
TSM-xxxPEG5H.47(II)
(xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxPEG15H, TSM-xxxPEG15H.05, TSM-xxxPEG15H.25,
TSM-xxxPEG15H.07, TSM-xxxPEG15H.20, TSM-xxxPEG15H.27,
TSM-xxxPEG15H.28, TSM-xxxPEG15H.29, TSM-xxxPEG15H.40,
TSM-xxxPEG15H.47 (xxx=340-360, in steps of 5);
TSM-xxxPEG15H(II), TSM-xxxPEG15H.05(II), TSM-xxxPEG15H.25(II),
TSM-xxxPEG15H.07(II), TSM-xxxPEG15H.20(II), TSM-
xxxPEG15H.27(II),
TSM-xxxPEG15H.28(II), TSM-xxxPEG15H.29(II), TSM-
xxxPEG15H.40(II), TSM-xxxPEG15H.47(II)
(xxx=340-400, in steps of 5).

120 cells:

TSM-xxxPEG6H, TSM-xxxPEG6H.05, TSM-xxxPEG6H.25, TSM-
xxxPEG6H.07, TSM-xxxPEG6H.20, TSM-xxxPEG6H.27, TSM-
xxxPEG6H.28, TSM-xxxPEG6H.29, TSM-xxxPEG6H.40, TSM-
xxxPEG6H.47 (xxx=280-300, in steps of 5);
TSM-xxxPEG6H(II), TSM-xxxPEG6H.05(II), TSM-xxxPEG6H.25(II),
TSM-xxxPEG6H.07(II), TSM-xxxPEG6H.20(II), TSM-xxxPEG6H.27(II),
TSM-xxxPEG6H.28(II), TSM-xxxPEG6H.29(II), TSM-xxxPEG6H.40(II),
TSM-xxxPEG6H.47(II), (xxx=280-330, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG14M(II), TSM-xxxPEG14M.05(II), TSM-xxxPEG14M.25(II),
TSM-xxxPEG14M.07(II), TSM-xxxPEG14M.20(II), TSM-
xxxPEG14M.27(II), TSM-xxxPEG14M.28(II), TSM-xxxPEG14M.29(II),
TSM-xxxPEG14M.40(II), TSM-xxxPEG14M.47(II)
(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5M(II), TSM-xxxPEG5M.05(II), TSM-xxxPEG5M.25(II),
TSM-xxxPEG5M.07(II), TSM-xxxPEG5M.20(II), TSM-xxxPEG5M.27(II),
TSM-xxxPEG5M.28(II), TSM-xxxPEG5M.29(II), TSM-xxxPEG5M.40(II),
TSM-xxxPEG5M.47(II) (xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG15M(II), TSM-xxxPEG15M.05(II), TSM-xxxPEG15M.25(II),
TSM-xxxPEG15M.07(II), TSM-xxxPEG15M.20(II), TSM-
xxxPEG15M.27(II), TSM-xxxPEG15M.28(II), TSM-xxxPEG15M.29(II),
TSM-xxxPEG15M.40(II), TSM-xxxPEG15M.47(II)
(xxx=340-405, in steps of 5).

120 cells:

TSM-xxxPEG6M(II), TSM-xxxPEG6M.05(II), TSM-xxxPEG6M.25(II),
TSM-xxxPEG6M.07(II), TSM-xxxPEG6M.20(II), TSM-xxxPEG6M.27(II),
TSM-xxxPEG6M.28(II), TSM-xxxPEG6M.29(II), TSM-xxxPEG6M.40(II),
TSM-xxxPEG6M.47(II) (xxx=280-335, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG17MC(II), TSM-xxxPEG17MC.05(II),
TSM-xxxPEG17MC.25(II), TSM-xxxPEG17MC.07(II),
TSM-xxxPEG17MC.20(II), TSM-xxxPEG17MC.27(II),
TSM-xxxPEG17MC.28(II), TSM-xxxPEG17MC.29(II)
(xxx=410-445, in steps of 5).

120 cells:

TSM-xxxPEG8MC(II), TSM-xxxPEG8MC.05(II), TSM-xxxPEG8MC.25(II),

CERTIFICATE

No. Z2 070321 0097 Rev. 52

TSM-xxxPEG8MC.07(II), TSM-xxxPEG8MC.20(II), TSM-xxxPEG8MC.27(II), TSM-xxxPEG8MC.28(II), TSM-xxxPEG8MC.29(II) (xxx=350-365, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:
(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxPEG17M(II), TSM-xxxPEG17M.05(II), TSM-xxxPEG17M.25(II), TSM-xxxPEG17M.07(II), TSM-xxxPEG17M.20(II), TSM-xxxPEG17M.27(II), TSM-xxxPEG17M.28(II), TSM-xxxPEG17M.29(II) (xxx=410-445, in steps of 5).

120 cells:

TSM-xxxPEG8M(II), TSM-xxxPEG8M.05(II), TSM-xxxPEG8M.25(II), TSM-xxxPEG8M.07(II), TSM-xxxPEG8M.20(II), TSM-xxxPEG8M.27(II), TSM-xxxPEG8M.28(II), TSM-xxxPEG8M.29(II) (xxx=350-365, in steps of 5).

poly series with 157 x 31.4 (mm) 1/5 cutting cells:

336 cells:

TSM-xxxPEG5ZV, TSM-xxxPEG5ZV.05, TSM-xxxPEG5ZV.07, TSM-xxxPEG5ZV.40, TSM-xxxPEG5ZV.47 (xxx=280-300, in steps of 5).

Smart PV modules:

(Module Type with junction box TSD301xy)

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG21C.20S (xxx=625-675, in steps of 5)

120 cells:

TSM-xxxDEG20C.20S (xxx=570-605, in steps of 5)

110 cells:

TSM-xxxDEG19C.20S (xxx=525-555, in steps of 5)

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20S (xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B7S (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0S, TSM-xxxDEG9R.B8S

(xxx=395-435, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxDEG18MC.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

150 cells:

TSM-xxxDEG18M.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG21C.20S (xxx=635-690, in steps of 5)

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial

CERTIFICATE

No. Z2 070321 0097 Rev. 52

cell:

132 cells:

TSM-xxxNEG19RC.20S (xxx=565-595, in steps of 5)

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxNEG9R.20S, TSM-xxxNEG9R.28S (xxx=395-445, in steps of 5)

xxx stands for rated output power at STC

Parameters:

Construction:	Framed and Frameless with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class C according to UL 790
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute, No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China.

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018
EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018/AC:2018-06

CERTIFICATE of Conformity



Registration No.: AK 50581096 0001

Report No.: CN23JK29 001

Holder: Trina Solar Co., Ltd.
No. 2 TianHe Road, Trina PV
Industrial Park, New District
Changzhou City,
213031 Jiangsu
P.R. China

Product: PV Module

Identification: Type Designations:
Max. System Voltage: up to 1500 VDC (Voc at STC):
With 182mm x 70mm mono c-Si cells:
TSM-xxxNEG9R.28 (xxx=395-445, in steps of 5, 144 cells)
TSM-xxxNEG9RC.27 (xxx=375-445, in steps of 5, 144 cells)
(Refer to test report for details of corresponding
materials and test sequence)

Tested acc. to: IEC TS 62782:2016

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date 10.04.2023



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Trina Solar Co., Ltd.
Zhao Zhangang
Quality Engineering Department
No. 2 TianHe Road, Trina PV
Industrial Park, New District
Changzhou City,
213031 Jiangsu
P.R. China

Date : 10/04/2023
Our ref. : QLS 01
Your ref.: Z.Z.

Ref : AK Certificate of Conformity

Type of Equipment : PV Module
Model Designation : See Certificate
Certificate No. : AK 50581096 0001
Report No. : CN23JK29 001

Dear Zhao Zhangang,

Thank you very much for your interest in our services.

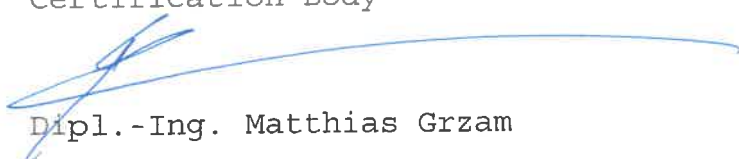
Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body


Dipl.-Ing. Matthias Grzam

CC: Trina Solar Co., Ltd.

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询



Product Service

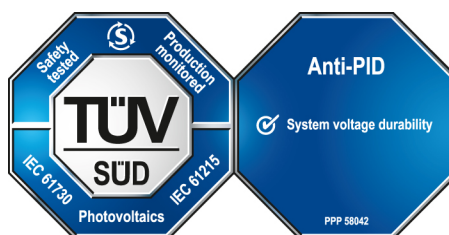
CERTIFICATE

No. Z2 070321 0150 Rev. 08

Holder of Certificate: **Trina Solar Co., Ltd.**

No. 2 TianHe Road, Trina PV Industrial Park
New District
213031 Changzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Poly & Mono Crystalline Silicon Photovoltaic modules

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062210703-08

Valid until: 2028-06-23

Date, 2023-07-28

(David Bo)

CERTIFICATE

No. Z2 070321 0150 Rev. 08

Model(s):

mono series with 157 x 157 (mm) and 156.75 x 156.75 (mm) solar cells:

72 cells:

TSM-xxxDEG14(II), TSM-xxxDEG14.07(II), TSM-xxxDEG14.20(II),
TSM-xxxDEG14.27(II), TSM-xxxDEG14.28(II), TSM-xxxDEG14.29(II),
TSM-xxxDEG14.40(II), TSM-xxxDEG14.47(II) (xxx=330-390, in steps of 5).

60 cells:

TSM-xxxDEG5(II), TSM-xxxDEG5.07(II), TSM-xxxDEG5.20(II),
TSM-xxxDEG5.27(II), TSM-xxxDEG5.28(II), TSM-xxxDEG5.29(II),
TSM-xxxDEG5.40(II), TSM-xxxDEG5.47(II) (xxx=275-325, in steps of 5).

mono series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxDEG15(II), TSM-xxxDEG15.07(II),
TSM-xxxDEG15.20(II), TSM-xxxDEG15.27(II),
TSM-xxxDEG15.28(II), TSM-xxxDEG15.29(II), TSM-xxxDEG15.40(II),
TSM-xxxDEG15.47(II) (xxx=330-380, in steps of 5).

60 cells:

TSM-xxxDEG6(II), TSM-xxxDEG6.07(II),
TSM-xxxDEG6.20(II), TSM-xxxDEG6.27(II),
TSM-xxxDEG6.28(II), TSM-xxxDEG6.29(II), TSM-xxxDEG6.40(II),
TSM-xxxDEG6.47(II) (xxx=275-315, in steps of 5).

mono series with 157 x 157 (mm) bifacial cell:

72 cells:

TSM-xxxDEG14C(II), TSM-xxxDEG14C.07(II),
TSM-xxxDEG14C.20(II), TSM-xxxDEG14C.27(II),
TSM-xxxDEG14C.28(II), TSM-xxxDEG14C.29(II)
(xxx=335-370, in steps of 5).

60 cells:

TSM-xxxDEG5C(II), TSM-xxxDEG5C.07(II),
TSM-xxxDEG5C.20(II), TSM-xxxDEG5C.27(II),
TSM-xxxDEG5C.28(II), TSM-xxxDEG5C.29(II)
(xxx=285-305, in steps of 5).

mono series with 158.75 x 158.75 (mm) bifacial cell:

72 cells:

TSM-xxxDEG15C(II), TSM-xxxDEG15C.07(II),
TSM-xxxDEG15C.20(II), TSM-xxxDEG15C.27(II),
TSM-xxxDEG15C.28(II), TSM-xxxDEG15C.29(II)
(xxx=335-350, in steps of 5).

60 cells:

TSM-xxxDEG6C(II), TSM-xxxDEG6C.07(II),
TSM-xxxDEG6C.20(II), TSM-xxxDEG6C.27(II),
TSM-xxxDEG6C.28(II), TSM-xxxDEG6C.29(II)
(xxx=285-295, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxDEG14H(II), TSM-xxxDEG14H.07(II),
TSM-xxxDEG14H.20(II), TSM-xxxDEG14H.27(II),
TSM-xxxDEG14H.28(II), TSM-xxxDEG14H.29(II), TSM-
xxxDEG14H.40(II),
TSM-xxxDEG14H.47(II) (xxx=345-395, in steps of 5).

120 cells:

TSM-xxxDEG5H(II), TSM-xxxDEG5H.07(II),
TSM-xxxDEG5H.20(II), TSM-xxxDEG5H.27(II),
TSM-xxxDEG5H.28(II), TSM-xxxDEG5H.29(II), TSM-xxxDEG5H.40(II),
TSM-xxxDEG5H.47(II) (xxx=290-330, in steps of 5).

CERTIFICATE

No. Z2 070321 0150 Rev. 08

mono series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxDEG15H(II), TSM-xxxDEG15H.07(II),
TSM-xxxDEG15H.20(II), TSM-xxxDEG15H.27(II),
TSM-xxxDEG15H.28(II), TSM-xxxDEG15H.29(II), TSM-
xxxDEG15H.40(II),
TSM-xxxDEG15H.47(II) (xxx=380-410, in steps of 5).

120 cells:

TSM-xxxDEG6H(II), TSM-xxxDEG6H.07(II),
TSM-xxxDEG6H.20(II), TSM-xxxDEG6H.27(II),
TSM-xxxDEG6H.28(II), TSM-xxxDEG6H.29(II), TSM-xxxDEG6H.40(II),
TSM-xxxDEG6H.47(II) (xxx=310-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxDEG14M(II), TSM-xxxDEG14M.07(II),
TSM-xxxDEG14M.20(II), TSM-xxxDEG14M.27(II), TSM-
xxxDEG14M.28(II), TSM-xxxDEG14M.29(II), TSM-xxxDEG14M.40(II),
TSM-xxxDEG14M.47(II) (xxx=345-385, in steps of 5).

120 cells:

TSM-xxxDEG5M(II), TSM-xxxDEG5M.07(II),
TSM-xxxDEG5M.20(II), TSM-xxxDEG5M.27(II),
TSM-xxxDEG5M.28(II), TSM-xxxDEG5M.29(II), TSM-xxxDEG5M.40(II),
TSM-xxxDEG5M.47(II) (xxx=290-320, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG15M(II), TSM-xxxDEG15M.07(II), TSM-xxxDEG15M.20(II),
TSM-xxxDEG15M.27(II), TSM-xxxDEG15M.28(II), TSM-
xxxDEG15M.29(II), TSM-xxxDEG15M.40(II), TSM-xxxDEG15M.47(II)
(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxDEG6M(II), TSM-xxxDEG6M.07(II),
TSM-xxxDEG6M.20(II), TSM-xxxDEG6M.27(II),
TSM-xxxDEG6M.28(II), TSM-xxxDEG6M.29(II), TSM-xxxDEG6M.40(II),
TSM-xxxDEG6M.47(II) (xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG17M(II), TSM-xxxDEG17M.07(II), TSM-xxxDEG17M.20(II),
TSM-xxxDEG17M.27(II), TSM-xxxDEG17M.28(II), TSM-
xxxDEG17M.29(II), TSM-xxxDEG17M.40(II), TSM-xxxDEG17M.47(II)
(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8M(II), TSM-xxxDEG8M.07(II), TSM-xxxDEG8M.20(II),
TSM-xxxDEG8M.27(II), TSM-xxxDEG8M.28(II), TSM-xxxDEG8M.29(II),
TSM-xxxDEG8M.40(II), TSM-xxxDEG8M.47(II)
(xxx=355-380, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG14HC(II), TSM-xxxDEG14HC.07(II), TSM-
xxxDEG14HC.20(II),
TSM-xxxDEG14HC.27(II), TSM-xxxDEG14HC.28(II),
TSM-xxxDEG14HC.29(II) (xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5HC(II), TSM-xxxDEG5HC.07(II), TSM-xxxDEG5HC.20(II),
TSM-xxxDEG5HC.27(II), TSM-xxxDEG5HC.28(II),
TSM-xxxDEG5HC.29(II) (xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

CERTIFICATE

No. Z2 070321 0150 Rev. 08

TSM-xxxDEG15HC(II), SM-xxxDEG15HC.07(II), TSM-xxxDEG15HC.20(II),
TSM-xxxDEG15HC.27(II), TSM-xxxDEG15HC.28(II),
TSM-xxxDEG15HC.29(II) (xxx=350-410, in steps of 5).
120 cells:
TSM-xxxDEG6HC(II), TSM-xxxDEG6HC.07(II), TSM-xxxDEG6HC.20(II),
TSM-xxxDEG6HC.27(II), TSM-xxxDEG6HC.28(II),
TSM-xxxDEG6HC.29(II) (xxx=295-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB bifacial cell:

144 cells:
TSM-xxxDEG14MC(II), TSM-xxxDEG14MC.07(II), TSM-xxxDEG14MC.20(II),
TSM-xxxDEG14HMC.20(II), TSM-xxxDEG14MC.27(II),
TSM-xxxDEG14MC.28(II), TSM-xxxDEG14MC.29(II)
(xxx=350-395, in steps of 5).

120 cells:
TSM-xxxDEG5MC(II), TSM-xxxDEG5MC.07(II), TSM-xxxDEG5MC.20(II),
TSM-xxxDEG5MC.27(II), TSM-xxxDEG5MC.28(II),
TSM-xxxDEG5MC.29(II) (xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:
TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.07(II), TSM-xxxDEG15MC.20(II),
TSM-xxxDEG15MC.27(II), TSM-xxxDEG15MC.28(II), TSM-xxxDEG15MC.29(II) (xxx=350-425, in steps of 5).

120 cells:
TSM-xxxDEG6MC(II), TSM-xxxDEG6MC.07(II), TSM-xxxDEG6MC.20(II),
TSM-xxxDEG6MC.27(II), TSM-xxxDEG6MC.28(II),
TSM-xxxDEG6MC.29(II) (xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting bifacial cell:

144 cells:
TSM-xxxDEG17MC(II), TSM-xxxDEG17MC.07(II),
TSM-xxxDEG17MC.20(II), TSM-xxxDEG17MC.27(II),
TSM-xxxDEG17MC.28(II), TSM-xxxDEG17MC.29(II)
(xxx=425-460, in steps of 5).

120 cells:
TSM-xxxDEG8MC(II), TSM-xxxDEG8MC.07(II), TSM-xxxDEG8MC.20(II),
TSM-xxxDEG8MC.27(II), TSM-xxxDEG8MC.28(II),
TSM-xxxDEG8MC.29(II) (xxx=355-380, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

150 cells:
TSM-xxxDEG18MC(II), TSM-xxxDEG18MC.07(II),
TSM-xxxDEG18MC.20(II), TSM-xxxDEG18MC.27(II),
TSM-xxxDEG18MC.28(II), TSM-xxxDEG18MC.29(II),
TSM-xxxDEG18MC.20W(II)
(xxx=460-510, in steps of 5).

120 cells:
TSM-xxxDEG9C.20, TSM-xxxDEG9C.27,
TSM-xxxDEG9C.28, TSM-xxxDEG9C.29
(xxx=370-405, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

150 cells:
TSM-xxxDEG18M(II), TSM-xxxDEG18M.07(II), TSM-xxxDEG18M.20(II),

CERTIFICATE

No. Z2 070321 0150 Rev. 08

TSM-xxxDEG18M.27(II), TSM-xxxDEG18M.28(II), TSM-xxxDEG18M.29(II) (xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9.20, TSM-xxxDEG9.27,
TSM-xxxDEG9.28, TSM-xxxDEG9.29
(xxx=370-405, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell
(for cells splicing technology):

156 cells:

TSM-xxxDEG17XC.20(II), TSM-xxxDEG17XC.27(II),
TSM-xxxDEG17XC.28(II), TSM-xxxDEG17XC.29(II)
(xxx=445-490, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell
(for cells splicing technology)

(Module Type for rear side with white EVA or Glass white):

156 cells:

TSM-xxxDEG17X.20(II), TSM-xxxDEG17X.27(II), TSM-xxxDEG17X.28(II),
TSM-xxxDEG17X.29(II) (xxx=445-490, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

120 cells:

TSM-xxxDEG20C.20, TSM-xxxDEG20C.27, TSM-xxxDEG20C.28,
TSM-xxxDEG20C.29, TSM-xxxDEG20C.20W, TSM-xxxDEG20C.28W
(xxx=570-605, in steps of 5).

110 cells:

TSM-xxxDEG19C.20, TSM-xxxDEG19C.27, TSM-xxxDEG19C.28,
TSM-xxxDEG19C.29, TSM-xxxDEG19C.20W
(xxx=525-555, in steps of 5).

132 cells:

TSM-xxxDEG21C.20, TSM-xxxDEG21C.27, TSM-xxxDEG21C.28,
TSM-xxxDEG21C.29, TSM-xxxDEG21C.20W
(xxx=625-675, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxDEG20.20, TSM-xxxDEG20.27, TSM-xxxDEG20.28,
TSM-xxxDEG20.29 (xxx=575-605, in steps of 5).

110 cells:

TSM-xxxDEG19.20, TSM-xxxDEG19.27, TSM-xxxDEG19.28,
TSM-xxxDEG19.29 (xxx=525-555, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG18C.20, TSM-xxxDEG18C.27, TSM-xxxDEG18C.28,
TSM-xxxDEG18C.29, TSM-xxxDEG18C.20W (xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10C.20, TSM-xxxDEG10C.25,
TSM-xxxDEG10C.27, TSM-xxxDEG10C.28,
TSM-xxxDEG10C.29 (xxx=425-450, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG18.20, TSM-xxxDEG18.27, TSM-xxxDEG18.28,
TSM-xxxDEG18.29 (xxx=520-555, in steps of 5).

CERTIFICATE

No. Z2 070321 0150 Rev. 08

120 cells:

TSM-xxxDEG10.20, TSM-xxxDEG10.27, TSM-xxxDEG10.28,
TSM-xxxDEG10.29 (xxx=425-450, in steps of 5).

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20, TSM-xxxDEG19RC.25,
TSM-xxxDEG19RC.27, TSM-xxxDEG19RC.28,
TSM-xxxDEG19RC.29, TSM-xxxDEG19RC.B0,
TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7,
TSM-xxxDEG19RC.B8, TSM-xxxDEG19RC.B9,
TSM-xxxDEG19RC.20W (xxx=540-590, in steps of 5)

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxDEG19R.20, TSM-xxxDEG19R.25,
TSM-xxxDEG19R.27, TSM-xxxDEG19R.28,
TSM-xxxDEG19R.29, TSM-xxxDEG19R.B0,
TSM-xxxDEG19R.B5, TSM-xxxDEG19R.B7,
TSM-xxxDEG19R.B8, TSM-xxxDEG19R.B9,
(xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B0, TSM-xxxDEG9RC.B5,
TSM-xxxDEG9RC.B7, TSM-xxxDEG9RC.B8,
TSM-xxxDEG9RC.B9, TSM-xxxDEG9RC.20,
TSM-xxxDEG9RC.25, TSM-xxxDEG9RC.28,
TSM-xxxDEG9RC.27, TSM-xxxDEG9RC.29,
TSM-xxxDEG9RC.27W (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0, TSM-xxxDEG9R.B5,
TSM-xxxDEG9R.B7, TSM-xxxDEG9R.B8,
TSM-xxxDEG9R.B9, TSM-xxxDEG9R.20,
TSM-xxxDEG9R.25, TSM-xxxDEG9R.27,
TSM-xxxDEG9R.28, TSM-xxxDEG9R.29,
TSM-xxxDEG9R.20W, TSM-xxxDEG9R.28W
(xxx=395-435, in steps of 5)

mono series with 158.75 x 52.9 (mm) 1/3 cutting MBB bifacial cell:

252 cells:

TSM-xxxDEG15VC.20(II), TSM-xxxDEG15VC.27(II), TSM-
xxxDEG15VC.28(II),
TSM-xxxDEG15VC.29(II) (xxx=465-490, in steps of 5).

mono series with 157 x 157 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG14C(II), TSM-xxxNEG14C.07(II), TSM-xxxNEG14C.20(II),
TSM-xxxNEG14C.27(II), TSM-xxxNEG14C.28(II), TSM-
xxxNEG14C.29(II) (xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG5C(II), TSM-xxxNEG5C.07(II), TSM-xxxNEG5C.20(II),
TSM-xxxNEG5C.27(II), TSM-xxxNEG5C.28(II), TSM-xxxNEG5C.29(II)
(xxx=295-305, in steps of 5).

mono series with 158.75 x 158.75 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG15C(II), TSM-xxxNEG15C.07(II), TSM-xxxNEG15C.20(II),

CERTIFICATE

No. Z2 070321 0150 Rev. 08

TSM-xxxNEG15C.27(II), TSM-xxxNEG15C.28(II), TSM-xxxNEG15C.29(II) (xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG6C(II), TSM-xxxNEG6C.07(II), TSM-xxxNEG6C.20(II), TSM-xxxNEG6C.27(II), TSM-xxxNEG6C.28(II), TSM-xxxNEG6C.29(II) (xxx=295-305, in steps of 5).

mono series with 161.7 x 161.7 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG16C(II), TSM-xxxNEG16C.07(II), TSM-xxxNEG16C.20(II), TSM-xxxNEG16C.27(II), TSM-xxxNEG16C.28(II), TSM-xxxNEG16C.29(II) (xxx=350-410, in steps of 5).

60 cells:

TSM-xxxNEG7C(II), TSM-xxxNEG7C.07(II), TSM-xxxNEG7C.20(II), TSM-xxxNEG7C.27(II), TSM-xxxNEG7C.28(II), TSM-xxxNEG7C.29(II) (xxx=295-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG14MC(II), TSM-xxxNEG14MC.07(II), TSM-xxxNEG14MC.20(II), TSM-xxxNEG14MC.27(II), TSM-xxxNEG14MC.28(II), TSM-xxxNEG14MC.29(II) (xxx=350-380, in steps of 5).

120 cells:

TSM-xxxNEG5MC(II), TSM-xxxNEG5MC.07(II), TSM-xxxNEG5MC.20(II), TSM-xxxNEG5MC.27(II), TSM-xxxNEG5MC.28(II), TSM-xxxNEG5MC.29(II) (xxx=295-315, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG15MC(II), TSM-xxxNEG15MC.07(II), TSM-xxxNEG15MC.20(II), TSM-xxxNEG15MC.27(II), TSM-xxxNEG15MC.28(II), TSM-xxxNEG15MC.29(II) (xxx=350-420, in steps of 5).

120 cells:

TSM-xxxNEG6MC(II), TSM-xxxNEG6MC.07(II), TSM-xxxNEG6MC.20(II), TSM-xxxNEG6MC.27(II), TSM-xxxNEG6MC.28(II), TSM-xxxNEG6MC.29(II) (xxx=295-345, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell (Module Type for rear side with white EVA or Glass white):

144 cells:

TSM-xxxNEG15M(II), TSM-xxxNEG15M.07(II), TSM-xxxNEG15M.20(II), TSM-xxxNEG15M.27(II), TSM-xxxNEG15M.28(II), TSM-xxxNEG15M.29(II) (xxx=350-420, in steps of 5).

120 cells:

TSM-xxxNEG6M(II), TSM-xxxNEG6M.07(II), TSM-xxxNEG6M.20(II), TSM-xxxNEG6M.27(II), TSM-xxxNEG6M.28(II), TSM-xxxNEG6M.29(II) (xxx=295-345, in steps of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial cell (Module Type for rear side with white EVA or white Glass):

144 cells:

TSM-xxxNEG16M(II), TSM-xxxNEG16M.07(II), TSM-xxxNEG16M.20(II), TSM-xxxNEG16M.27(II), TSM-xxxNEG16M.28(II), TSM-xxxNEG16M.29(II) (xxx=390-435, in steps of 5).

120 cells:

CERTIFICATE

No. Z2 070321 0150 Rev. 08

TSM-xxxNEG7M(II), TSM-xxxNEG7M.07(II), TSM-xxxNEG7M.20(II),
TSM-xxxNEG7MC.27(II), TSM-xxxNEG7M.28(II), TSM-xxxNEG7M.29(II)
(xxx=325-360, in steps of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial
cell:

144 cells:

TSM-xxxNEG16MC(II), TSM-xxxNEG16MC.07(II), TSM-
xxxNEG16MC.20(II), TSM-xxxNEG16MC.27(II), TSM-
xxxNEG16MC.28(II), TSM-xxxNEG16MC.29(II) (xxx=390-435, in steps
of 5).

120 cells:

TSM-xxxNEG7MC(II), TSM-xxxNEG7MC.07(II), TSM-
xxxNEG7MC.20(II),
TSM-xxxNEG7MC.27(II), TSM-xxxNEG7MC.28(II), TSM-
xxxNEG7MC.29(II) (xxx=325-360, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial
cell:

150 cells:

TSM-xxxNEG18MC.20(II), TSM-xxxNEG18MC.27(II),
TSM-xxxNEG18MC.28(II), TSM-xxxNEG18MC.29(II),
TSM-xxxNEG18MC.30(II)
(xxx=500-520, in steps of 5).

120 cells:

TSM-xxxNEG9C.20, TSM-xxxNEG9C.27,
TSM-xxxNEG9C.28, TSM-xxxNEG9C.29
(xxx=390-430, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial
cell:

(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxNEG9.20, TSM-xxxNEG9.27, TSM-xxxNEG9.28,
TSM-xxxNEG9.29 (xxx=390-430, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial
cell:

120 cells:

TSM-xxxNEG20C.20, TSM-xxxNEG20C.27, TSM-xxxNEG20C.28,
TSM-xxxNEG20C.29 (xxx=580-630, in steps of 5).

110 cells:

TSM-xxxNEG19C.20, TSM-xxxNEG19C.27, TSM-xxxNEG19C.28,
TSM-xxxNEG19C.29 (xxx=530-570, in steps of 5).

132 cells:

TSM-xxxNEG21C.20, TSM-xxxNEG21C.27, TSM-xxxNEG21C.28,
TSM-xxxNEG21C.29 (xxx=635-700, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial
cell:

144 cells:

TSM-xxxNEG9RC.20, TSM-xxxNEG9RC.25,
TSM-xxxNEG9RC.28, TSM-xxxNEG9RC.27,
TSM-xxxNEG9RC.29, TSM-xxxNEG9RC.B0,
TSM-xxxNEG9RC.B5, TSM-xxxNEG9RC.B8,
TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
(xxx=375-450, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial
cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

CERTIFICATE

No. Z2 070321 0150 Rev. 08

TSM-xxxNEG9R.20, TSM-xxxNEG9R.25,
TSM-xxxNEG9R.28, TSM-xxxNEG9R.27,
TSM-xxxNEG9R.29, TSM-xxxNEG9R.B0,
TSM-xxxNEG9R.B5, TSM-xxxNEG9R.B8,
TSM-xxxNEG9R.B7, TSM-xxxNEG9R.B9,
(xxx=375-450 in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG19RC.20, TSM-xxxNEG19RC.25,
TSM-xxxNEG19RC.27, TSM-xxxNEG19RC.28,
TSM-xxxNEG19RC.29, (xxx=525-605, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxNEG19R.20, TSM-xxxNEG19R.25,
TSM-xxxNEG19R.27, TSM-xxxNEG19R.28,
TSM-xxxNEG19R.29, (xxx=525-605, in steps of 5).

mono series with 182.0 x 91.0 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG18C.20, TSM-xxxNEG18C.25,
TSM-xxxNEG18C.27, TSM-xxxNEG18C.28,
TSM-xxxNEG18C.29, (xxx=555-590, in steps of 5)

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell (for cells splicing technology):

156 cells:

TSM-xxxNEG15XC(II), TSM-xxxNEG15XC.07(II), TSM-xxxNEG15XC.20(II), TSM-xxxNEG15XC.27(II), TSM-xxxNEG15XC.28(II), TSM-xxxNEG15XC.29(II)
(xxx=425-445, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

132 cells:

TSM-xxxHEG21C.20, TSM-xxxHEG21C.27,
TSM-xxxHEG21C.28, TSM-xxxHEG21C.29
(xxx=640-685, in steps of 5).

120 cells:

TSM-xxxHEG20C.20, TSM-xxxHEG20C.27,
TSM-xxxHEG20C.28, TSM-xxxHEG20C.29
(xxx=585-620, in steps of 5).

110 cells:

TSM-xxxHEG19C.20, TSM-xxxHEG19C.27,
TSM-xxxHEG19C.28, TSM-xxxHEG19C.29
(xxx=530-565, in steps of 5).

poly series with 157 x 157 (mm) and 156 x 156 (mm) solar cells:

72 cells:

TSM-xxxPEG14, TSM-xxxPEG14.07, TSM-xxxPEG14.20, TSM-xxxPEG14.27, TSM-xxxPEG14.28, TSM-xxxPEG14.29, TSM-xxxPEG14.40,
TSM-xxxPEG14.47 (xxx=315-360, in steps of 5);

CERTIFICATE

No. Z2 070321 0150 Rev. 08

TSM-xxxPEG14(II), TSM-xxxPEG14.07(II), TSM-xxxPEG14.20(II),
TSM-xxxPEG14.27(II), TSM-xxxPEG14.28(II), TSM-xxxPEG14.29(II),
TSM-xxxPEG14.40(II), TSM-xxxPEG14.47(II) (xxx=315-360, in steps of
5).

60 cells:

TSM-xxxPEG5, TSM-xxxPEG5.07, TSM-xxxPEG5.20, TSM-
xxxPEG5.27,
TSM-xxxPEG5.28, TSM-xxxPEG5.29, TSM-xxxPEG5.40, TSM-
xxxPEG5.47 (xxx=265-300, in steps of 5);
TSM-xxxPEG5(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.20(II),
TSM-xxxPEG5.27(II), TSM-xxxPEG5.28(II), TSM-xxxPEG5.29(II),
TSM-xxxPEG5.40(II), TSM-xxxPEG5.47(II) (xxx=265-300, in steps of 5).

poly series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxPEG15, TSM-xxxPEG15.07, TSM-xxxPEG15.20, TSM-
xxxPEG15.27, TSM-xxxPEG15.28, TSM-xxxPEG15.29, TSM-
xxxPEG15.40,
TSM-xxxPEG15.47 (xxx=315-360, in steps of 5);
TSM-xxxPEG15(II), TSM-xxxPEG15.07(II), TSM-xxxPEG15.20(II),
TSM-xxxPEG15.27(II), TSM-xxxPEG15.28(II), TSM-xxxPEG15.29(II),
TSM-xxxPEG15.40(II), TSM-xxxPEG15.47(II) (xxx=315-360, in steps of
5).

60 cells:

TSM-xxxPEG6, TSM-xxxPEG6.07, TSM-xxxPEG6.20, TSM-
xxxPEG6.27,
TSM-xxxPEG6.28, TSM-xxxPEG6.29, TSM-xxxPEG6.40, TSM-
xxxPEG6.47 (xxx=265-300, in steps of 5);
TSM-xxxPEG6(II), TSM-xxxPEG6.07(II), TSM-xxxPEG6.20(II),
TSM-xxxPEG6.27(II), TSM-xxxPEG6.28(II), TSM-xxxPEG6.29(II),
TSM-xxxPEG6.40(II), TSM-xxxPEG6.47(II) (xxx=265-300, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxPEG14H, TSM-xxxPEG14H.07, TSM-xxxPEG14H.20,
TSM-xxxPEG14H.27, TSM-xxxPEG14H.28, TSM-xxxPEG14H.29,
TSM-xxxPEG14H.40, TSM-xxxPEG14H.47 (xxx=330-360, in steps of
5);
TSM-xxxPEG14H(II), TSM-xxxPEG14H.07(II), TSM-xxxPEG14H.20(II),
TSM-xxxPEG14H.27(II), TSM-xxxPEG14H.28(II), TSM-
xxxPEG14H.29(II),
TSM-xxxPEG14H.40(II), TSM-xxxPEG14H.47(II) (xxx=330-360, in steps
of 5).

120 cells:

TSM-xxxPEG5H, TSM-xxxPEG5H.07, TSM-xxxPEG5H.20, TSM-
xxxPEG5H.27, TSM-xxxPEG5H.28, TSM-xxxPEG5H.29, TSM-
xxxPEG5H.40,
TSM-xxxPEG5H.47 (xxx=275-300, in steps of 5);
TSM-xxxPEG5H(II), TSM-xxxPEG5H.07(II), TSM-xxxPEG5H.20(II),
TSM-xxxPEG5H.27(II), TSM-xxxPEG5H.28(II), TSM-xxxPEG5H.29(II),
TSM-xxxPEG5H.40(II), TSM-xxxPEG5H.47(II) (xxx=275-300, in steps of
5).

poly series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxPEG15H, TSM-xxxPEG15H.07, TSM-xxxPEG15H.20,
TSM-xxxPEG15H.27, TSM-xxxPEG15H.28, TSM-xxxPEG15H.29, SM-
xxxPEG15H.40, TSM-xxxPEG15H.47 (xxx=340-360, in steps of 5);
TSM-xxxPEG15H(II), TSM-xxxPEG15H.07(II), TSM-xxxPEG15H.20(II),
TSM-xxxPEG15H.27(II), TSM-xxxPEG15H.28(II), TSM-
xxxPEG15H.29(II),
TSM-xxxPEG15H.40(II), TSM-xxxPEG15H.47(II) (xxx=340-400, in steps

CERTIFICATE

No. Z2 070321 0150 Rev. 08

of 5).

120 cells:

TSM-xxxPEG6H, TSM-xxxPEG6H.07, TSM-xxxPEG6H.20, TSM-xxxPEG6H.27, TSM-xxxPEG6H.28, TSM-xxxPEG6H.29, TSM-xxxPEG6H.40,

TSM-xxxPEG6H.47 (xxx=280-300, in steps of 5);

TSM-xxxPEG6H(II), TSM-xxxPEG6H.07(II), TSM-xxxPEG6H.20(II),

TSM-xxxPEG6H.27(II), TSM-xxxPEG6H.28(II), TSM-xxxPEG6H.29(II),

TSM-xxxPEG6H.40(II), TSM-xxxPEG6H.47(II) (xxx=280-330, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG14M(II), TSM-xxxPEG14M.07(II), TSM-xxxPEG14M.20(II),

TSM-xxxPEG14M.27(II), TSM-xxxPEG14M.28(II), TSM-

xxxPEG14M.29(II), TSM-xxxPEG14M.40(II), TSM-xxxPEG14M.47(II)

(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5M(II), TSM-xxxPEG5M.07(II), TSM-xxxPEG5M.20(II),

TSM-xxxPEG5M.27(II), TSM-xxxPEG5M.28(II), TSM-xxxPEG5M.29(II),

TSM-xxxPEG5M.40(II), TSM-xxxPEG5M.47(II) (xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG15M(II), TSM-xxxPEG15M.07(II), TSM-xxxPEG15M.20(II),

TSM-xxxPEG15M.27(II), TSM-xxxPEG15M.28(II), TSM-

xxxPEG15M.29(II), TSM-xxxPEG15M.40(II), TSM-xxxPEG15M.47(II)

(xxx=340-405, in steps of 5).

120 cells:

TSM-xxxPEG6M(II), TSM-xxxPEG6M.07(II), TSM-xxxPEG6M.20(II),

TSM-xxxPEG6M.27(II), TSM-xxxPEG6M.28(II), TSM-xxxPEG6M.29(II),

TSM-xxxPEG6M.40(II), TSM-xxxPEG6M.47(II) (xxx=280-335, in steps of 5).

xxx stands for rated output power at STC

Smart PV modules:

(Module Type with junction box TSD301xy)

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG21C.20S (xxx=625-675, in steps of 5)

120 cells:

TSM-xxxDEG20C.20S (xxx=570-605, in steps of 5)

110 cells:

TSM-xxxDEG19C.20S (xxx=525-555, in steps of 5)

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20S (xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B7S (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0S, TSM-xxxDEG9R.B8S

(xxx=395-435, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

CERTIFICATE

No. Z2 070321 0150 Rev. 08

150 cells:

TSM-xxxDEG18MC.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

150 cells:

TSM-xxxDEG18M.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG21C.20S (xxx=635-690, in steps of 5)

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG19RC.20S (xxx=565-595, in steps of 5)

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxNEG9R.20S, TSM-xxxNEG9R.28S

(xxx=395-445, in steps of 5)

xxx stands for rated output power at STC

Parameters:

Construction:	Framed or Frameless with Junction box, cable and connector.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
PID test condition:	±1500 V, 192 Hours, 85 °C, 85 % RH
	Remark: PID testing method: PID test is according to test method a of IEC TS 62804-1:2015

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
PPP 58042B:2015

DECLARATION OF CONFORMITY

Holder of Declaration: Trina Solar Co., Ltd.

Address: No.2 TianHe Road, Trina PV Industrial Park, New District, Changzhou City, Jiangsu Province
213031, P. R. China.

Brand Name: Trina Solar

We, Trina Solar Co., Ltd. hereby declare that the product (s):

Product: Mono/Poly Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Type Designation:

➤ Backsheet Module System Voltage: 1500V DC

TSM-xxxPE14A ,TSM-xxxPE14A.08 ,TSM-xxxPE14A.09 ,TSM-xxxPE14A(II) , TSM-xxxPE14A.08(II) ,
TSM-xxxPE14A.09(II) ,TSM-xxxPE14A.T0 ,TSM-xxxPE14A.T8 ,TSM-xxxPE14A.T9 , TSM-xxxPE14A.T0(II) ,
TSM-xxxPE14A.T8(II) ,TSM-xxxPE14A.T9(II) , (xxx=305-360, in steps of 5);

TSM-xxxPE05A ,TSM-xxxPE05A.08 ,TSM-xxxPE05A.09 ,TSM-xxxPE05A(II) , TSM-xxxPE05A.08(II) ,
TSM-xxxPE05A.09(II) ,TSM-xxxPE05A.T0 ,TSM-xxxPE05A.T8 ,TSM-xxxPE05A.T9 ,
TSM-xxxPE05A.T0(II) ,TSM-xxxPE05A.T8(II) ,TSM-xxxPE05A.T9(II) , (xxx=255-300, in steps of 5);

TSM-xxxPE14B ,TSM-xxxPE14B.08 ,TSM-xxxPE14B.09 ,TSM-xxxPE14B(II) ,TSM-xxxPE14B.08(II) ,
TSM-xxxPE14B.09(II) ,TSM-xxxPE14B.T0 ,TSM-xxxPE14B.T8 ,TSM-xxxPE14B.T9 ,
TSM-xxxPE14B.T0(II) ,TSM-xxxPE14B.T8(II) ,TSM-xxxPE14B.T9(II) , (xxx=305-360, in steps of 5);

TSM-xxxPE15B ,TSM-xxxPE15B.08 ,TSM-xxxPE15B.09 ,TSM-xxxPE15B(II) ,TSM-xxxPE15B.08(II) ,
TSM-xxxPE15B.09(II) ,TSM-xxxPE15B.T0 ,TSM-xxxPE15B.T8 ,TSM-xxxPE15B.T9 ,
TSM-xxxPE15B.T0(II) ,TSM-xxxPE15B.T8(II) ,TSM-xxxPE15B.T9(II) , (xxx=305-360, in steps of 5);

TSM-xxxPE15A ,TSM-xxxPE15A.08 ,TSM-xxxPE15A.09 ,TSM-xxxPE15A(II) ,TSM-xxxPE15A.08(II) ,
TSM-xxxPE15A.09(II) ,TSM-xxxPE15A.T0 ,TSM-xxxPE15A.T8 ,TSM-xxxPE15A.T9 ,TSM-xxxPE15A.T0(II) ,
TSM-xxxPE15A.T8(II) ,TSM-xxxPE15A.T9(II) , (xxx=305-360, in steps of 5);

TSM-xxxPE06A ,TSM-xxxPE06A.08 ,TSM-xxxPE06A.09 ,TSM-xxxPE06A(II) ,TSM-xxxPE06A.08(II) ,
TSM-xxxPE06A.09(II) ,TSM-xxxPE06A.T0 ,TSM-xxxPE06A.T8 ,TSM-xxxPE06A.T9 ,
TSM-xxxPE06A.T0(II) ,TSM-xxxPE06A.T8(II) ,TSM-xxxPE06A.T9(II) , (xxx=255-300, in steps of 5);

TSM-xxxPE15HB ,TSM-xxxPE15HB.08 ,TSM-xxxPE15HB.09 ,TSM-xxxPE15HB(II) ,TSM-xxxPE15HB.08(II) ,
TSM-xxxPE15HB.09(II) ,TSM-xxxPE15HB.T0 ,TSM-xxxPE15HB.T8 ,TSM-xxxPE15HB.T9 ,
TSM-xxxPE15HB.T0(II) ,TSM-xxxPE15HB.T8(II) ,TSM-xxxPE15HB.T9(II) ,
(xxx=320-390, in steps of 5);

TSM-xxxDE14A(II) ,TSM-xxxDE14A.08(II) ,TSM-xxxDE14A.09(II) ,TSM-xxxDE14A.T0(II) ,
TSM-xxxDE14A.T8(II) ,TSM-xxxDE14A.T9(II) , TSM-xxxDE14A.05(II) , (xxx=330-390, in steps of 5);

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Page 1 / 16

TSM-xxxDE05A(II), TSM-xxxDE05A.08(II), TSM-xxxDE05A.09(II), TSM-xxxDE05A.T0(II),
TSM-xxxDE05A.T8(II), TSM-xxxDE05A.T9(II), TSM-xxxDE05A.05(II), (xxx=275-325, in steps of 5);

TSM-xxxDE14B(II), TSM-xxxDE14B.08(II), TSM-xxxDE14B.09(II), TSM-xxxDE14B.T0(II),
TSM-xxxDE14B.T8(II), TSM-xxxDE14B.T9(II), TSM-xxxDE14B.05(II), (xxx=330-385, in steps of 5);

TSM-xxxDE15B(II), TSM-xxxDE15B.08(II), TSM-xxxDE15B.09(II), TSM-xxxDE15B.T0(II),
TSM-xxxDE15B.T8(II), TSM-xxxDE15B.T9(II), TSM-xxxDE15B.05(II), (xxx=330-385, in steps of 5);

TSM-xxxDE15A(II), TSM-xxxDE15A.08(II), TSM-xxxDE15A.09(II), TSM-xxxDE15A.T0(II),
TSM-xxxDE15A.T8(II), TSM-xxxDE15A.T9(II), TSM-xxxDE15A.05(II), (xxx=330-385, in steps of 5);

TSM-xxxDE06A(II), TSM-xxxDE06A.08(II), TSM-xxxDE06A.09(II), TSM-xxxDE06A.T0(II),
TSM-xxxDE06A.T8(II), TSM-xxxDE06A.T9(II), TSM-xxxDE06A.05(II), (xxx=275-325, in steps of 5);

TSM-xxxDE15HB(II), TSM-xxxDE15HB.08(II), TSM-xxxDE15HB.09(II), TSM-xxxDE15HB.T0(II),
TSM-xxxDE15HB.T8(II), TSM-xxxDE15HB.T9(II), TSM-xxxDE15HB.05(II), (xxx=330-425, in steps of 5);

TSM-xxxPE14H, TSM-xxxPE14H.08, TSM-xxxPE14H.09, TSM-xxxPE14H(II), TSM-xxxPE14H.08(II),
TSM-xxxPE14H.09(II), TSM-xxxPE14H.T0, TSM-xxxPE14H.T8, TSM-xxxPE14H.T9,
TSM-xxxPE14H.T0(II), TSM-xxxPE14H.T8(II), TSM-xxxPE14H.T9(II), (xxx=320-360, in steps of 5);

TSM-xxxPE05H, TSM-xxxPE05H.08, TSM-xxxPE05H.09, TSM-xxxPE05H(II), TSM-xxxPE05H.08(II),
TSM-xxxPE05H.09(II), TSM-xxxPE05H.T0, TSM-xxxPE05H.T8, TSM-xxxPE05H.T9,
TSM-xxxPE05H.T0(II), TSM-xxxPE05H.T8(II), TSM-xxxPE05H.T9(II), (xxx=270-300, in steps of 5);

TSM-xxxPE14HB, TSM-xxxPE14HB.08, TSM-xxxPE14HB.09, TSM-xxxPE14HB(II),
TSM-xxxPE14HB.08(II), TSM-xxxPE14HB.09(II), TSM-xxxPE14HB.T0, TSM-xxxPE14HB.T8,
TSM-xxxPE14HB.T9, TSM-xxxPE14HB.T0(II), TSM-xxxPE14HB.T8(II), TSM-xxxPE14HB.T9(II), (xxx=320-360, in steps of 5);

TSM-xxxPE15H, TSM-xxxPE15H.08, TSM-xxxPE15H.09, TSM-xxxPE15H(II), TSM-xxxPE15H.08(II),
TSM-xxxPE15H.09(II), TSM-xxxPE15H.T0, TSM-xxxPE15H.T8, TSM-xxxPE15H.T9, TSM-xxxPE15H.T0(II),
TSM-xxxPE15H.T8(II), TSM-xxxPE15H.T9(II), (xxx=320-405, in steps of 5);

TSM-xxxPE06H, TSM-xxxPE06H.08, TSM-xxxPE06H.09, TSM-xxxPE06H(II), TSM-xxxPE06H.08(II),
TSM-xxxPE06H.09(II), TSM-xxxPE06H.T0, TSM-xxxPE06H.T8, TSM-xxxPE06H.T9, TSM-xxxPE06H.T0(II),
TSM-xxxPE06H.T8(II), TSM-xxxPE06H.T9(II), (xxx=270-335, in steps of 5);

TSM-xxxPE15M, TSM-xxxPE15M.08, TSM-xxxPE15M.09, TSM-xxxPE15M(II), TSM-xxxPE15M.08(II),
TSM-xxxPE15M.09(II), TSM-xxxPE15M.T0, TSM-xxxPE15M.T8, TSM-xxxPE15M.T9,
TSM-xxxPE15M.T0(II), TSM-xxxPE15M.T8(II), TSM-xxxPE15M.T9(II), (xxx=320-405, in steps of 5);

TSM-xxxPE06M, TSM-xxxPE06M.08, TSM-xxxPE06M.09, TSM-xxxPE06M(II), TSM-xxxPE06M.08(II),
TSM-xxxPE06M.09(II), TSM-xxxPE06M.T0, TSM-xxxPE06M.T8, TSM-xxxPE06M.T9,
TSM-xxxPE06M.T0(II), TSM-xxxPE06M.T8(II), TSM-xxxPE06M.T9(II), (xxx=270-335, in steps of 5);

TSM-xxxDE14H(II), TSM-xxxDE14H.08(II), TSM-xxxDE14H.09(II), TSM-xxxDE14H.T0(II),
TSM-xxxDE14H.T8(II), TSM-xxxDE14H.T9(II), TSM-xxxDE14H.05(II), (xxx=330-395, in steps of 5);

TSM-xxxDE05H(II), TSM-xxxDE05H.08(II), TSM-xxxDE05H.09(II), TSM-xxxDE05H.T0(II),
TSM-xxxDE05H.T8(II), TSM-xxxDE05H.T9(II), TSM-xxxDE05H.05(II), (xxx=275-335, in steps of 5);

TSM-xxxDE14HB(II), TSM-xxxDE14HB.08(II), TSM-xxxDE14HB.09(II), TSM-xxxDE14HB.T0(II), TSM-xxxDE14HB.T8(II), TSM-xxxDE14HB.T9(II), TSM-xxxDE14HB.05(II), (xxx=330-395, in steps of 5);

TSM-xxxDE15H(II), TSM-xxxDE15H.08(II), TSM-xxxDE15H.09(II), TSM-xxxDE15H.T0(II), TSM-xxxDE15H.T8(II), TSM-xxxDE15H.T9(II), TSM-xxxDE15H.05(II), (xxx=330-425, in steps of 5);

TSM-xxxDE06H(II), TSM-xxxDE06H.08(II), TSM-xxxDE06H.09(II), TSM-xxxDE06H.T0(II), TSM-xxxDE06H.T8(II), TSM-xxxDE06H.T9(II), TSM-xxxDE06H.05(II), (xxx=275-350, in steps of 5);

TSM-xxxDE15M(II), TSM-xxxDE15M.08(II), TSM-xxxDE15M.09(II), TSM-xxxDE15M.T0(II), TSM-xxxDE15M.T8(II), TSM-xxxDE15M.T9(II), TSM-xxxDE15M.05(II), (xxx=330-420, in steps of 5);

TSM-xxxDE06M(II), TSM-xxxDE06M.08(II), TSM-xxxDE06M.09(II), TSM-xxxDE06M.T0(II), TSM-xxxDE06M.T8(II), TSM-xxxDE06M.T9(II), TSM-xxxDE06M.05(II), (xxx=275-350, in steps of 5);

TSM-xxxDE17M(II), TSM-xxxDE17M.08(II), TSM-xxxDE17M.09(II), TSM-xxxDE17M.T0(II), TSM-xxxDE17M.T8(II), TSM-xxxDE17M.T9(II), TSM-xxxDE17M.05(II), (xxx=390-465, in steps of 5);

TSM-xxxDE08M(II), TSM-xxxDE08M.08(II), TSM-xxxDE08M.09(II), TSM-xxxDE08M.T0(II), TSM-xxxDE08M.T8(II), TSM-xxxDE08M.T9(II), TSM-xxxDE08M.05(II), (xxx=335-385, in steps of 5);

TSM-xxxDE15X(II), TSM-xxxDE15X.08(II), TSM-xxxDE15X.09(II), TSM-xxxDE15X.T0(II), TSM-xxxDE15X.T8(II), TSM-xxxDE15X.T9(II), TSM-xxxDE15X.05(II), (xxx=405-435, in steps of 5);

TSM-xxxDE06X(II), TSM-xxxDE06X.08(II), TSM-xxxDE06X.09(II), TSM-xxxDE06X.T0(II), TSM-xxxDE06X.T8(II), TSM-xxxDE06X.T9(II), TSM-xxxDE06X.05(II), (xxx=345-375, in steps of 5);

TSM-xxxNE15X(II), TSM-xxxNE15X.08(II), TSM-xxxNE15X.09(II), TSM-xxxNE15X.T8(II), TSM-xxxNE15X.T9(II), TSM-xxxNE15X.05(II), TSM-xxxNE15X.T0(II), (xxx=405-435, in steps of 5);

TSM-xxxNE06X(II), TSM-xxxNE06X.08(II), TSM-xxxNE06X.09(II), TSM-xxxNE06X.T0(II), TSM-xxxNE06X.T8(II), TSM-xxxNE06X.T9(II), TSM-xxxNE06X.05(II), (xxx=345-390, in steps of 5);

TSM-xxxPE17M, TSM-xxxPE17M.08, TSM-xxxPE17M.09, TSM-xxxPE17M(II), TSM-xxxPE17M.08(II), TSM-xxxPE17M.09(II), TSM-xxxPE17M.T0, TSM-xxxPE17M.T8, TSM-xxxPE17M.T9, TSM-xxxPE17M.T0(II), TSM-xxxPE17M.T8(II), TSM-xxxPE17M.T9(II), (xxx=320-445, in steps of 5);

TSM-xxxPE08M, TSM-xxxPE08M.08, TSM-xxxPE08M.09, TSM-xxxPE08M(II), TSM-xxxPE08M.08(II), TSM-xxxPE08M.09(II), TSM-xxxPE08M.T0, TSM-xxxPE08M.T8, TSM-xxxPE08M.T9, TSM-xxxPE08M.T0(II), TSM-xxxPE08M.T8(II), TSM-xxxPE08M.T9(II), (xxx=270-365, in steps of 5);

TSM-xxxDE18M(II), TSM-xxxDE18M.08(II), TSM-xxxDE18M.09(II), TSM-xxxDE18M.T0(II), TSM-xxxDE18M.T8(II), TSM-xxxDE18M.T9(II), TSM-xxxDE18M.05(II), TSM-xxxDE18M.B0(II), TSM-xxxDE18M.B5(II), TSM-xxxDE18M.B8(II), TSM-xxxDE18M.60(II), TSM-xxxDE18M.68(II), TSM-xxxDE18M.00S(II), TSM-xxxDE18M.08S(II), TSM-xxxDE18M.68S(II), (xxx=470-520, in steps of 5);

TSM-xxxDE17X(II), TSM-xxxDE17X.08(II), TSM-xxxDE17X.09(II), TSM-xxxDE17X.T8(II), TSM-xxxDE17X.T9(II), TSM-xxxDE17X.05(II), TSM-xxxDE17X.T0(II), (xxx=450-485, in steps of 5);

TSM-xxxDE171H(II), (xxx=315-350, in steps of 5);

TSM-xxxDE09, TSM-xxxDE09.08, TSM-xxxDE09.09, TSM-xxxDE09.05, TSM-xxxDE09.T0, TSM-xxxDE09.T8, TSM-xxxDE09.T9, TSM-xxxDE09C.05, TSM-xxxDE09C.07, TSM-xxxDE09.B0, TSM-xxxDE09.B5, TSM-xxxDE09.B8, TSM-xxxDE09.00S, TSM-xxxDE09.05S, TSM-xxxDE09.08S, (xxx=375-415, in steps of 5)

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TSM-xxxNE06M(II), TSM-xxxNE06M.08(II), TSM-xxxNE06M.09(II), TSM-xxxNE06M.T0(II),
TSM-xxxNE06M.T8(II), TSM-xxxNE06M.T9(II), TSM-xxxNE06M.05(II), (xxx=315-355, in steps of 5)

TSM-xxxNE07M(II), TSM-xxxNE07M.08(II), TSM-xxxNE07M.09(II), TSM-xxxNE07M.T0(II), TSM-
xxxNE07M.T8(II), TSM-xxxNE07M.T9(II), TSM-xxxNE07M.05(II), (xxx=315-335, in steps of 5)

TSM-xxxNE15M (II), TSM-xxxNE15M.08(II), TSM-xxxNE15M.09(II), TSM-xxxNE15M.T0(II), TSM-
xxxNE15M.T8(II), TSM-xxxNE15M.T9(II), TSM-xxxNE15M.05(II), (xxx=375-430, in steps of 5)

TSM-xxxNE16M (II), TSM-xxxNE16M.08(II), TSM-xxxNE16M.09(II), TSM-xxxNE16M.T0(II), TSM-
xxxNE16M.T8(II), TSM-xxxNE16M.T9(II), TSM-xxxNE16M.05(II), (xxx=375-405, in steps of 5)

TSM-xxxDE20, TSM-xxxDE20.05, TSM-xxxDE20.08, TSM-xxxDE20.09, TSM-xxxDE20.T0,
TSM-xxxDE20.T8, TSM-xxxDE20.T9, TSM-xxxDE20.B0, TSM-xxxDE20.B5, TSM-xxxDE20.B8,
TSM-xxxDE20.60, TSM-xxxDE20.68, TSM-xxxDE20.00S, TSM-xxxDE20.60S,
TSM-xxxDE20.68S, (xxx=575-610, in steps of 5);

TSM-xxxDE19, TSM-xxxDE19.05, TSM-xxxDE19.08, TSM-xxxDE19.09, TSM-xxxDE19.T0,
TSM-xxxDE19.T8, TSM-xxxDE19.T9, TSM-xxxDE19.B0, TSM-xxxDE19.B5, TSM-xxxDE19.B8,
TSM-xxxDE19.60, TSM-xxxDE19.68, TSM-xxxDE19.00S, TSM-xxxDE19.60S, TSM-
xxxDE19.68S, (xxx=500-560, in steps of 5);

TSM-xxxDE18, TSM-xxxDE18.05, TSM-xxxDE18.08, TSM-xxxDE18.09, TSM-xxxDE18.T0,
TSM-xxxDE18.T8, TSM-xxxDE18.T9, TSM-xxxDE18.60, (xxx=515-555, in steps of 5);

TSM-xxxDE10, TSM-xxxDE10.05, TSM-xxxDE10.08, TSM-xxxDE10.09, TSM-xxxDE10.T0,
TSM-xxxDE10.T8, TSM-xxxDE10.T9, (xxx=430-455, in steps of 5);

TSM-xxxDE15V(II), TSM-xxxDE15V.08(II), TSM-xxxDE15V.09(II), TSM-xxxDE15V.T0(II), TSM-
xxxDE15V.T8(II), TSM-xxxDE15V.T9(II), TSM-xxxDE15V.05(II), (xxx=465-490, in steps of 5)

TSM-xxxDE15MB(II), TSM-xxxDE15MB.08(II), TSM-xxxDE15MB.09(II), TSM-xxxDE15MB.10(II),
TSM-xxxDE15MB.18(II), TSM-xxxDE15MB.T0(II), TSM-xxxDE15MB.T8(II), TSM-xxxDE15MB.T9(II),
TSM-xxxDE15MB.05(II), (xxx=330-420, in steps of 5)

TSM-xxxDE21, TSM-xxxDE21.05, TSM-xxxDE21.08, TSM-xxxDE21.09, TSM-xxxDE21.T0,
TSM-xxxDE21.T8, TSM-xxxDE21.T9, TSM-xxxDE21.60, TSM-xxxDE21.68, TSM-xxxDE21.00S,
TSM-xxxDE21.60S, TSM-xxxDE21.68S, (xxx=635-675, in steps of 5)

TSM-xxxDE06XC (II), TSM-xxxDE06XC.08(II), TSM-xxxDE06XC.09(II), TSM-xxxDE06XC.05(II),
TSM-xxxDE06XC.07(II), (xxx=355-380, in steps of 5)

TSM-xxxNE21, TSM-xxxNE21.05, TSM-xxxNE21.08, TSM-xxxNE21.09, TSM-xxxNE21.T0,
TSM-xxxNE21.T8, TSM-xxxNE21.T9, (xxx=645-675, in steps of 5)

TSM-xxxNE18M(II), TSM-xxxNE18M.08(II), TSM-xxxNE18M.09(II), TSM- xxxNE18M.T0(II),
TSM-xxxNE18M.T8(II), TSM-xxxNE18M.T9(II), TSM-xxxNE18M.05(II), (xxx=490-530, in steps of 5)

TSM-xxxNE20, TSM-xxxNE20.05, TSM-xxxNE20.08, TSM-xxxNE20.09, TSM-xxxNE20.T0,
TSM-xxxNE20.T8, TSM-xxxNE20.T9, (xxx=590-610, in steps of 5)

TSM-xxxNE19, TSM-xxxNE19.05, TSM-xxxNE19.08, TSM-xxxNE19.09, TSM-xxxNE19.T0,
TSM-xxxNE19.T8, TSM-xxxNE19.T9, TSM-xxxNE19C, (xxx=540-560, in steps of 5)

TSM-xxxNE09 ,TSM-xxxNE09.08 ,TSM-xxxNE09.09 ,TSM- xxxNE09.T0 ,TSM-xxxNE09.T8,
TSM-xxxNE09.T9 ,TSM-xxxNE09.05 , (xxx=395-420, in steps of 5)

TSM-xxxDE21F ,TSM-xxxDE21F.08 ,TSM-xxxDE21F.09 ,TSM-xxxDE21F.T0 ,TSM-xxxDE21F.T8,
TSM-xxxDE21F.T9 ,TSM-xxxDE21F.05 ,(xxx=550-605, in steps of 5)

TSM-xxxDE19C, TSM-xxxDE19C.08 ,(xxx=500-560, in steps of 5)

TSM-xxxDE081M(II), TSM-xxxDE081M.08(II), TSM-xxxDE081M.09(II), TSM-xxxDE081M.T0(II),
TSM-xxxDE081M.T8(II), TSM-xxxDE081M.T9(II), TSM-xxxDE081M.05(II) ,
(xxx=265-295, in steps of 5)

TSM-xxxDE061M(II), TSMxxxDE061M(II).08(II) ,TSM-xxxDE061M.09(II) ,TSM-xxxDE061M.T0(II) ,
TSM-xxxDE061M.T8(II) ,TSM-xxxDE061M.T9(II) ,TSM-xxxDE061M.05(II) ,TSM-xxxDE061M.10(II),
TSM-xxxDE061M.18(II), (xxx=240-280, in steps of 5)

TSM-xxxDE151M(II) ,TSM-xxxDE151M.08(II), TSM-xxxDE151M.09(II), TSM-xxxDE151M.T0(II), TSM-
xxxDE151M.T8(II) ,TSM-xxxDE151M .T9(II) ,TSM-xxxDE151M .05(II), (xxx=300-350, in steps of 5)

TSM-xxxDE11, TSM-xxxDE11.08 ,TSM-xxxDE11.09 ,TSM-xxxDE11.T0 ,TSM-xxxDE11.T8 ,
TSM-xxxDE11.T9 ,TSM-xxxDE11.05, TSM-xxxDE11C, TSM-xxxDE11C.05 ,TSM-xxxDE11C.07,
(xxx=390-415, in steps of 5)

TSM-xxxDE09R, TSM-xxxDE09R.08, TSM-xxxDE09R.09 ,TSM-xxxDE09R.T0 ,TSM-xxxDE09R.T8,
TSM-xxxDE09R.T9, TSM-xxxDE09R.05, TSM-xxxDE09R.B0, TSM-xxxDE09R.B5, TSM-xxxDE09R.B8,
TSM-xxxDE09R.00S ,TSM-xxxDE09R.08S, TSM-xxxDE09R.05S ,TSM-xxxDE09R.B0S ,TSM-xxxDE09R.B8S ,
TSM-xxxDE09R.B5S, (xxx=395-440, in steps of 5)

TSM-xxxPE14A.W, (xxx=305-345, in steps of 5); TSM-xxxDE19.W ,(xxx=500-560, in steps of 5);

TSM-xxxDE19R, TSM-xxxDE19R.08,TSM-xxxDE19R.09, TSM-xxxDE19R.T0, TSM-xxxDE19R.T8, TSM-
xxxDE19R.T9, TSM-xxxDE19R.05, TSM-xxxDE19R.00S, (xxx=550-605, in steps of 5)

TSM-xxxDE09.05W, TSM-xxxDE09.08W, (xxx=375-415, in steps of 5);

TSM-xxxDE09R.W, TSM-xxxDE09R.05W,TSM-xxxDE09R.08W,TSM-xxxDE09R.B5W,
TSM-xxxDE09R.B8W, TSM-xxxDE09R.B0W, (xxx=395-440, in steps of 5);

TSM-xxxDE18M.W(II), TSM-xxxDE18M.08W(II) , (xxx=470-520, in steps of 5);

TSM-xxxDE19R.W, TSM-xxxDE19R.B0, TSM-xxxDE19R.B5, TSM-xxxDE19R.B8 (xxx=550-605, in
steps of 5);

TSM-xxxDE20.W, (xxx=575-610, in steps of 5);

TSM-xxxDE21.W, TSM-xxxDE21C.05, TSM-xxxDE21C.07 (xxx=635-675, in steps of 5);

➤ Backsheet Module System Voltage: 1000V DC

TSM-xxxPD14, TSM-xxxPD14.08 ,TSM-xxxPD14.09 ,TSM-xxxPD14(II), TSM-xxxPD14.08(II), TSM-
xxxPD14.09(II) ,TSM-xxxPD14.T0, TSM-xxxPD14.T8, TSM-xxxPD14.T9, TSM-xxxPD14.T0(II),
TSM-xxxPD14.T08(II), TSM-xxxPD14.T9(II) , (xxx=305-360, in steps of 5)

TSM-xxxPD15 ,TSM-xxxPD15.08 ,TSM-xxxPD15.09 ,TSM-xxxPD15(II) ,TSM-xxxPD15.08(II), TSM-
xxxPD15.09(II) ,TSM-xxxPD15.T0 ,TSM-xxxPD15.T8, TSM-xxxPD15.T9 ,TSM-xxxPD15.T0(II) ,TSM-

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xxxPD15.T8(II), TSM-xxxPD15.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxPD05, TSM-xxxPD05.08, TSM-xxxPD05.09, TSM-xxxPD05(II), TSM-xxxPD05.08(II), TSM-xxxPD05.09(II), TSM-xxxPC05A, TSM-xxxPC05A.08, TSM-xxxPD05.T0, TSM-xxxPD05.T8, TSM-xxxPD05.T9, TSM-xxxPD05.T0(II), TSM-xxxPD05.T8(II), TSM-xxxPD05.T9(II), (xxx=255-300, in steps of 5);

TSM-xxxPD06, TSM-xxxPD06.08, TSM-xxxPD06.09, TSM-xxxPD06(II), TSM-xxxPD06.08(II), TSM-xxxPD06.09(II), TSM-xxxPC06A, TSM-xxxPC06A.08, TSM-xxxPD06.T0, TSM-xxxPD06.T8, TSM-xxxPD06.T9, TSM-xxxPD06.T0(II), TSM-xxxPD06.T8(II), TSM-xxxPD06.T9(II), (xxx=255-300, in steps of 5);

TSM-xxxDD14A(II), TSM-xxxDD14A.08(II), TSM-xxxDD14A.09(II), TSM-xxxDD14A.05(II), TSM-xxxDD14A.T0(II), TSM-xxxDD14A.T8(II), TSM-xxxDD14A.T9(II), (xxx=330-390, in steps of 5);

TSM-xxxDD15A(II), TSM-xxxDD15A.08(II), TSM-xxxDD15A.09(II), TSM-xxxDD15A.05(II),

TSM-xxxDD15A.T0(II), TSM-xxxDD15A.T8(II), TSM-xxxDD15A.T9(II), (xxx=330-385, in steps of 5);
TSM-xxxDD05A(II), TSM-xxxDD05A.08(II), TSM-xxxDD05A.09(II), TSM-xxxDC05A.08, TSM-xxxDD05A.05(II), TSM-xxxDC05A.05(II), TSM-xxxDD05A.T0(II), TSM-xxxDD05A.T8(II), TSM-xxxDD05A.T9(II), (xxx=275-325, in steps of 5);

TSM-xxxDD06A(II), TSM-xxxDD06A.08(II), TSM-xxxDD06A.09(II), TSM-xxxDC06A.08, TSM-xxxDD06A.05(II), TSM-xxxDC06A.05(II), TSM-xxxDD06A.T0(II), TSM-xxxDD06A.T8(II), TSM-xxxDD06A.T9(II), (xxx=275-325, in steps of 5);

TSM-xxxPD14.00U, TSM-xxxPD14.08U, TSM-xxxPD14.09U, TSM-xxxPD14.00U(II), TSM-xxxPD14.08U(II), TSM-xxxPD14.09U(II), (xxx=305-360, in steps of 5);

TSM-xxxPD05.00U, TSM-xxxPD05.08U, TSM-xxxPD05.09U, TSM-xxxPD05.00U(II), TSM-xxxPD05.08U(II), TSM-xxxPD05.09U(II), (xxx=255-300, in steps of 5);

TSM-xxxPD14B, TSM-xxxPD14B.08, TSM-xxxPD14B.09, TSM-xxxPD14B(II), TSM-xxxPD14B.08(II), TSM-xxxPD14B.09(II), TSM-xxxPD14B.T0, TSM-xxxPD14B.T8, TSM-xxxPD14B.T9, TSM-xxxPD14B.T0(II), TSM-xxxPD14B.T8(II), TSM-xxxPD14B.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxPD15B, TSM-xxxPD15B.08, TSM-xxxPD15B.09, TSM-xxxPD15B(II), TSM-xxxPD15B.08(II), TSM-xxxPD15B.09(II), TSM-xxxPD15B.T0, TSM-xxxPD15B.T8, TSM-xxxPD15B.T9, TSM-xxxPD15B.T0(II), TSM-xxxPD15B.T8(II), TSM-xxxPD15B.T9(II), (xxx=305-360, in steps of 5);

TSM-xxxDD14A.00U(II), TSM-xxxDD14A.08U(II), TSM-xxxDD14A.09U(II), (xxx=330-380, in steps of 5);

TSM-xxxDD05A.00U(II), TSM-xxxDD05A.08U(II), TSM-xxxDD05A.09U(II), (xxx=275-315, in steps of 5);

TSM-xxxDD14B(II), TSM-xxxDD14B.08(II), TSM-xxxDD14B.09(II), TSM-xxxDD14B.T0(II), TSM-xxxDD14B.T8(II), TSM-xxxDD14B.T9(II), (xxx=330-385, in steps of 5);

TSM-xxxDD15B(II), TSM-xxxDD15B.08(II), TSM-xxxDD15B.09(II), TSM-xxxDD15B.T0(II), TSM-xxxDD15B.T8(II), TSM-xxxDD15B.T9(II), (xxx=330-385, in steps of 5);

TSM-xxxPD14H, TSM-xxxPD14H.08, TSM-xxxPD14H.09, TSM-xxxPD14H(II), TSM-xxxPD14H.08(II), TSM-xxxPD14H.09(II), TSM-xxxPD14H.T0, TSM-xxxPD14H.T8, TSM-xxxPD14H.T9, TSM-xxxPD14H.T0(II), TSM-xxxPD14H.T8(II), TSM-xxxPD14H.T9(II), (xxx=320-360, in steps of 5);

TSM-xxxPD15H, TSM-xxxPD15H.08, TSM-xxxPD15H.09, TSM-xxxPD15H(II), TSM-xxxPD15H.08(II), TSM-xxxPD15H.09(II), TSM-xxxPD15H.T0, TSM-xxxPD15H.T8, TSM-xxxPD15H.T9, TSM-

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xxxPD15H.T0(II), TSM-xxxPD15H.T8(II), TSM-xxxPD15H.T9(II), (xxx=320-405, in steps of 5);

TSM-xxxPD05H, TSM-xxxPD05H.08, TSM-xxxPD05H.09, TSM-xxxPD05H(II), TSM-xxxPD05H.08(II), TSM-xxxPD05H.09(II), TSM-xxxPD05H.T0, TSM-xxxPD05H.T8, TSM-xxxPD05H.T9, TSM-xxxPD05H.T0(II), TSM-xxxPD05H.T8(II), TSM-xxxPD05H.T9(II), (xxx=270-300, in steps of 5);

TSM-xxxPD06H.08, TSM-xxxPD06H.09, TSM-xxxPD06H(II), TSM-xxxPD06H.08(II), TSM-xxxPD06H.09(II), TSM-xxxPD06H.T0, TSM-xxxPD06H.T8, TSM-xxxPD06H.T9, TSM-xxxPD06H.T0(II), TSM-xxxPD06H.T8(II), TSM-xxxPD06H.T9(II), (xxx=270-335, in steps of 5);

TSM-xxxDD14H(II), TSM-xxxDD14H.08(II), TSM-xxxDD14H.09(II), TSM-xxxDD14H.05(II), TSM-xxxDD14H.T0(II), TSM-xxxDD14H.T8(II), TSM-xxxDD14H.T9(II), (xxx=330-395, in steps of 5);

TSM-xxxDD15H(II), TSM-xxxDD15H.08(II), TSM-xxxDD15H.09(II), TSM-xxxDD15H.05(II),

TSM-xxxDD15H.T0(II), TSM-xxxDD15H.T8(II), TSM-xxxDD15H.T9(II), (xxx=330-410, in steps of 5);

TSM-xxxDD05H(II), TSM-xxxDD05H.08(II), TSM-xxxDD05H.09(II), TSM-xxxDD05H.05(II), TSM-xxxDD05H.T0(II), TSM-xxxDD05H.T8(II), TSM-xxxDD05H.09(II), (xxx=275-335, in steps of 5);

TSM-xxxDD06H(II), TSM-xxxDD06H.08(II), TSM-xxxDD06H.09(II), TSM-xxxDD06H.05(II), TSM-xxxDD06H.T0(II), TSM-xxxDD06H.T8(II), TSM-xxxDD06H.T9(II), (xxx=275-340, in steps of 5);

TSM-xxxPD14HB, TSM-xxxPD14HB.08, TSM-xxxPD14HB.09, TSM-xxxPD14HB(II), TSM-xxxPD14HB.08(II), TSM-xxxPD14HB.09(II), TSM-xxxPD14HB.T0, TSM-xxxPD14HB.T8, TSM-xxxPD14HB.T9, TSM-xxxPD14HB.T0(II), TSM-xxxPD14HB.T8(II), TSM-xxxPD14HB.T9(II), (xxx=320-360, in steps of 5);

TSM-xxxPD15HB, TSM-xxxPD15HB.08, TSM-xxxPD15HB.09, TSM-xxxPD15HB(II), TSM-xxxPD15HB.08(II), TSM-xxxPD15HB.09(II), TSM-xxxPD15HB.T0, TSM-xxxPD15HB.T8, TSM-xxxPD15HB.T9, TSM-xxxPD15HB.T0(II), TSM-xxxPD15HB.T8(II), TSM-xxxPD15HB.T9(II), (xxx=320-360, in steps of 5);

TSM-xxxPD15M, TSM-xxxPD15M.08, TSM-xxxPD15M.09, TSM-xxxPD15M(II), TSM-xxxPD15M.08(II), TSM-xxxPD15M.09(II), TSM-xxxPD15M.T, TSM-xxxPD15M.08, TSM-xxxPD15M.09, TSM-xxxPD15M(II), TSM-xxxPD15M.08(II), TSM-xxxPD15M.09(II), (xxx=320-405, in steps of 5);

TSM-xxxPD06M, TSM-xxxPD06M.08, TSM-xxxPD06M.09, TSM-xxxPD06M(II), TSM-xxxPD06M.08(II), TSM-xxxPD06M.09(II), TSM-xxxPD06M.T0, TSM-xxxPD06M.T8, TSM-xxxPD06M.T9, TSM-xxxPD06M.T0(II), TSM-xxxPD06M.T8(II), TSM-xxxPD06M.T9(II), (xxx=270-335, in steps of 5);

TSM-xxxDD15M.08(II), TSM-xxxDD15M.09(II), TSM-xxxDD15M.05(II), TSM-xxxDD15M.T0(II), TSM-xxxDD15M.T8(II), TSM-xxxDD15M.T9(II), (xxx=330-420, in steps of 5);

TSM-xxxDD06M(II), TSM-xxxDD06M.09(II), TSM-xxxDD06M.05(II), TSM-xxxDD06M.T0(II), TSM-xxxDD06M.T8(II), TSM-xxxDD06M.T9(II), (xxx=275-350, in steps of 5);

TSM-xxxDD14HB(II), TSM-xxxDD14HB.08(II), TSM-xxxDD14HB.09(II), TSM-xxxDD14HB.T0(II), TSM-xxxDD14HB.T8(II), TSM-xxxDD14HB.T9(II), (xxx=330-395, in steps of 5);

TSM-xxxDD15HB(II), TSM-xxxDD15HB.08(II), TSM-xxxDD15HB.09(II), TSM-xxxDD15HB.T0(II), TSM-xxxDD15HB.T8(II), TSM-xxxDD15HB.T9(II), (xxx=330-410, in steps of 5);

TSM-xxxND06M(II), TSM-xxxND06M.08(II), TSM-xxxND06M.09(II), TSM-xxxND06M.05(II), TSM-xxxND06M.T0(II), TSM-xxxND06M.T8(II), TSM-xxxND06M.T9(II), (xxx=315-335, in steps of 5);

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TSM-xxxND07M(II) ,TSM-xxxND07M.08(II) ,TSM-xxxND07M.09(II) ,TSM-xxxND07M.05(II) ,TSM-xxxND07M.T0(II) ,TSM-xxxND07M.T8(II) ,TSM-xxxND07M.T9(II) , (xxx=315-335, in steps of 5);

TSM-xxxND15M (II) ,TSM-xxxND15M.08(II) ,TSM-xxxND15M.09(II) ,TSM-xxxND15M.T0 (II) ,TSM-xxxND15M.T8(II) ,TSM-xxxND15M.T9(II) ,TSM-xxxND15M.05(II) , (xxx=375-405, in steps of 5);

TSM-xxxND16M(II) ,TSM-xxxND16M.08(II) ,TSM-xxxND16M.09(II) ,TSM-xxxND16M.T0(II) ,TSM-xxxND16M.T8(II) ,TSM-xxxND16M.T9(II) ,TSM-xxxND16M.05(II) , (xxx=375-405, in steps of 5);

TSM-xxxDD15M(II) ,(xxx=330-420, in steps of 5);

TSM-xxxDD06M.08(II) ,(xxx=275-350, in steps of 5);

TSM-xxxPD06H ,(xxx=270-335, in steps of 5);

TSM-xxxDD17M(II) ,TSM-xxxDD17M.05(II) ,TSM-xxxDD17M.08(II) ,TSM-xxxDD17M.09(II) ,TSM-xxxDD17M.T0(II) ,TSM-xxxDD17M.T8(II) ,TSM-xxxDD17M.T9(II) ,(xxx=390-460, in steps of 5);

TSM-xxxDD08M(II) ,TSM-xxxDD08M.05(II) ,TSM-xxxDD08M.08(II) ,TSM-xxxDD08M.09(II) ,TSM-xxxDD08M.T0(II) ,TSM-xxxDD08M.T8(II) ,TSM-xxxDD08M.T9(II) ,(xxx=335-380, in steps of 5);

TSM-xxxDD15X(II) ,TSM-xxxDD15X.05(II) ,TSM-xxxDD15X.08(II) ,TSM-xxxDD15X.09(II) ,TSM-xxxDD15X.T0(II) ,TSM-xxxDD15X.T8(II) ,TSM-xxxDD15X.T9(II) ,(xxx=405-435, in steps of 5);

TSM-xxxDD06X(II) ,TSM-xxxDD06X.05(II) ,TSM-xxxDD06X.08(II) ,TSM-xxxDD06X.09(II) ,TSM-xxxDD06X.T0(II) ,TSM-xxxDD06X.T8(II) ,TSM-xxxDD06X.T9(II) ,(xxx=345-365, in steps of 5);

TSM-xxxND15X(II) ,TSM-xxxND15X.05(II) ,TSM-xxxND15X.08(II) ,TSM-xxxND15X.09(II) ,TSM-xxxND15X.T0(II) ,TSM-xxxND15X.T8(II) ,TSM-xxxND15X.T9(II) ,(xxx=405-435, in steps of 5);

TSM-xxxND06X(II) ,TSM-xxxND06X.05(II) ,TSM-xxxND06X.08(II) ,TSM-xxxND06X.09(II) ,TSM-xxxND06X.T0(II) ,TSM-xxxND06X.T8(II) ,TSM-xxxND06X.T9(II) ,(xxx=345-365, in steps of 5);

TSM-xxxPD17M ,TSM-xxxPD17M.08 ,TSM-xxxPD17M.09 ,TSM-xxxPD17M(II) ,TSM-xxxPD17M.08(II) ,TSM-xxxPD17M.09(II) ,TSM-xxxPD17M.T0 ,TSM-xxxPD17M.T8 ,TSM-xxxPD17M.T9 ,TSM-xxxPD17M.T0(II) ,TSM-xxxPD17M.T8(II) ,TSM-xxxPD17M.T9(II) ,(xxx=320-445, in steps of 5);

TSM-xxxPD08M ,TSM-xxxPD08M.08 ,TSM-xxxPD08M.09 ,TSM-xxxPD08M(II) ,TSM-xxxPD08M.08(II) ,TSM-xxxPD08M.09(II) ,TSM-xxxPD08M.T0 ,TSM-xxxPD08M.T8 ,TSM-xxxPD08M.T9 ,TSM-xxxPD08M.T0(II) ,TSM-xxxPD08M.T8(II) ,TSM-xxxPD08M.T9(II) ,(xxx=270-365, in steps of 5);

TSM-xxxDD18M(II) ,TSM-xxxDD18M.08(II) ,TSM-xxxDD18M.09(II) ,TSM-xxxDD18M.T0(II) ,TSM-xxxDD18M.T8(II) ,TSM-xxxDD18M.T9(II) ,TSM-xxxDD18M.05(II) ,(xxx=470-515, in steps of 5);

TSM-xxxDC082H.08(II) ,(xxx=210-225, in steps of 5);

TSM-xxxDD20, TSM-xxxDD20.05, TSM-xxxDD20.08, TSM-xxxDD20.09, TSM-xxxDD20.T0, TSM-xxxDD20.T8, TSM-xxxDD20.T9, (xxx=575-610, in steps of 5);

TSM-xxxDD19, TSM-xxxDD19.05, TSM-xxxDD19.08, TSM-xxxDD19.09, TSM-xxxDD19.T0, TSM-xxxDD19.T8, TSM-xxxDD19.T9, (xxx=530-555, in steps of 5);

TSM-xxxDD18, TSM-xxxDD18.05, TSM-xxxDD18.08, TSM-xxxDD18.09, TSM-xxxDD18.T0, TSM-xxxDD18.T8, TSM-xxxDD18.T9, (xxx=515-555, in steps of 5);

TSM-xxxDD10, TSM-xxxDD10.05, TSM-xxxDD10.08, TSM-xxxDD10.09, TSM-xxxDD10.T0,
TSM-xxxDD10.T8, TSM-xxxDD10.T9, (xxx=430-455, in steps of 5);

➤ **Double Glass Module: System Voltage: 1500V DC**

TSM-xxxDEG14(II), TSM-xxxDEG14.05(II), TSM-xxxDEG14.25(II), TSM-xxxDEG14.07(II), TSM-xxxDEG14.20(II), TSM-xxxDEG14.27(II), TSM-xxxDEG14.28(II), TSM-xxxDEG14.29(II), TSM-xxxDEG14.40(II), TSM-xxxDEG14.47(II) (xxx=330-390, in steps of 5).

TSM-xxxDEG5(II), TSM-xxxDEG5.05(II), TSM-xxxDEG5.25(II), TSM-xxxDEG5.07(II), TSM-xxxDEG5.20(II), TSM-xxxDEG5.27(II), TSM-xxxDEG5.28(II), TSM-xxxDEG5.29(II), TSM-xxxDEG5.40(II), TSM-xxxDEG5.47(II) (xxx=275-325, in steps of 5).

TSM-xxxDEG15(II), TSM-xxxDEG15.05(II), TSM-xxxDEG15.25(II), TSM-xxxDEG15.07(II), TSM-xxxDEG15.20(II), TSM-xxxDEG15.27(II), TSM-xxxDEG15.28(II), TSM-xxxDEG15.29(II), TSM-xxxDEG15.40(II), TSM-xxxDEG15.47(II) (xxx=330-380, in steps of 5).

TSM-xxxDEG6(II), TSM-xxxDEG6.05(II), TSM-xxxDEG6.25(II), TSM-xxxDEG6.07(II), TSM-xxxDEG6.20(II), TSM-xxxDEG6.27(II), TSM-xxxDEG6.28(II), TSM-xxxDEG6.29(II), TSM-xxxDEG6.40(II), TSM-xxxDEG6.47(II) (xxx=275-315, in steps of 5).

TSM-xxxDEG14C(II), TSM-xxxDEG14C.05(II), TSM-xxxDEG14C.25(II), TSM-xxxDEG14C.07(II), TSM-xxxDEG14C.20(II), TSM-xxxDEG14C.27(II), TSM-xxxDEG14C.28(II), TSM-xxxDEG14C.29(II) (xxx=335-370, in steps of 5).

TSM-xxxDEG5C(II), TSM-xxxDEG5C.05(II), TSM-xxxDEG5C.25(II), TSM-xxxDEG5C.07(II), TSM-xxxDEG5C.20(II), TSM-xxxDEG5C.27(II), TSM-xxxDEG5C.28(II), TSM-xxxDEG5C.29(II) (xxx=285-305, in steps of 5).

TSM-xxxDEG15C(II), TSM-xxxDEG15C.05(II), TSM-xxxDEG15C.25(II), TSM-xxxDEG15C.07(II), TSM-xxxDEG15C.20(II), TSM-xxxDEG15C.27(II), TSM-xxxDEG15C.28(II), TSM-xxxDEG15C.29(II) (xxx=335-350, in steps of 5).

TSM-xxxDEG6C(II), TSM-xxxDEG6C.05(II), TSM-xxxDEG6C.25(II), TSM-xxxDEG6C.07(II), TSM-xxxDEG6C.20(II), TSM-xxxDEG6C.27(II), TSM-xxxDEG6C.28(II), TSM-xxxDEG6C.29(II) (xxx=285-295, in steps of 5).

TSM-xxxDEG14H(II), TSM-xxxDEG14H.05(II), TSM-xxxDEG14H.25(II), TSM-xxxDEG14H.07(II), TSM-xxxDEG14H.20(II), TSM-xxxDEG14H.27(II), TSM-xxxDEG14H.28(II), TSM-xxxDEG14H.29(II), TSM-xxxDEG14H.40(II), TSM-xxxDEG14H.47(II) (xxx=345-395, in steps of 5).

TSM-xxxDEG5H(II), TSM-xxxDEG5H.05(II), TSM-xxxDEG5H.25(II), TSM-xxxDEG5H.07(II), TSM-xxxDEG5H.20(II), TSM-xxxDEG5H.27(II), TSM-xxxDEG5H.28(II), TSM-xxxDEG5H.29(II), TSM-xxxDEG5H.40(II), TSM-xxxDEG5H.47(II) (xxx=290-330, in steps of 5).

TSM-xxxDEG15H(II), TSM-xxxDEG15H.05(II), TSM-xxxDEG15H.25(II), TSM-xxxDEG15H.07(II), TSM-xxxDEG15H.20(II), TSM-xxxDEG15H.27(II), TSM-xxxDEG15H.28(II), TSM-xxxDEG15H.29(II), TSM-xxxDEG15H.40(II), TSM-xxxDEG15H.47(II) (xxx=380-410, in steps of 5).

TSM-xxxDEG6H(II), TSM-xxxDEG6H.05(II), TSM-xxxDEG6H.25(II), TSM-xxxDEG6H.07(II), TSM-xxxDEG6H.20(II), TSM-xxxDEG6H.27(II), TSM-xxxDEG6H.28(II), TSM-xxxDEG6H.29(II), TSM-xxxDEG6H.40(II), TSM-xxxDEG6H.47(II) (xxx=310-340, in steps of 5).

TSM-xxxDEG14M(II), TSM-xxxDEG14M.05(II), TSM-xxxDEG14M.25(II), TSM-xxxDEG14M.07(II), TSM-xxxDEG14M.20(II), TSM-xxxDEG14M.27(II), TSM-xxxDEG14M.28(II), TSM-xxxDEG14M.29(II), TSM-xxxDEG14M.40(II), TSM-xxxDEG14M.47(II) (xxx=345-385, in steps of 5).

TSM-xxxDEG5M(II), TSM-xxxDEG5M.05(II), TSM-xxxDEG5M.25(II), TSM-xxxDEG5M.07(II),

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TSM-xxxDEG5M.20(II), TSM-xxxDEG5M.27(II), TSM-xxxDEG5M.28(II), TSM-xxxDEG5M.29(II),
TSM-xxxDEG5M.40(II), TSM-xxxDEG5M.47(II) (xxx=290-320, in steps of 5).

TSM-xxxDEG15M(II), TSM-xxxDEG15M.07(II), TSM-xxxDEG15M.25(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.27(II), TSM-xxxDEG15M.28(II), TSM-xxxDEG15M.29(II),
TSM-xxxDEG15M.40(II), TSM-xxxDEG15M.47(II) (xxx=350-420, in steps of 5).

TSM-xxxDEG6M(II), TSM-xxxDEG6M.05(II), TSM-xxxDEG6M.25(II), TSM-xxxDEG6M.07(II),
TSM-xxxDEG6M.20(II), TSM-xxxDEG6M.27(II), TSM-xxxDEG6M.28(II), TSM-xxxDEG6M.29(II),
TSM-xxxDEG6M.40(II), TSM-xxxDEG6M.47(II) (xxx=295-350, in steps of 5).

TSM-xxxDEG17M(II), TSM-xxxDEG17M.07(II), TSM-xxxDEG17M.25(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.20(II), TSM-xxxDEG17M.27(II), TSM-xxxDEG17M.28(II), TSM-xxxDEG17M.29(II),
TSM-xxxDEG17M.40(II), TSM-xxxDEG17M.47(II) (xxx=425-460, in steps of 5).

TSM-xxxDEG8M(II), TSM-xxxDEG8M.05(II), TSM-xxxDEG8M.25(II), TSM-xxxDEG8M.07(II),
TSM-xxxDEG8M.20(II), TSM-xxxDEG8M.27(II), TSM-xxxDEG8M.28(II), TSM-xxxDEG8M.29(II),
TSM-xxxDEG8M.40(II), TSM-xxxDEG8M.47(II) (xxx=355-380, in steps of 5).

TSM-xxxDEG14HC(II), TSM-xxxDEG14HC.05(II), TSM-xxxDEG14HC.25(II), TSM-xxxDEG14HC.07(II),
TSM-xxxDEG14HC.20(II), TSM-xxxDEG14HC.27(II), TSM-xxxDEG14HC.28(II), TSM-xxxDEG14HC.29(II),
(xxx=350-395, in steps of 5).

TSM-xxxDEG5HC(II), TSM-xxxDEG5HC.05(II), TSM-xxxDEG5HC.25(II), TSM-xxxDEG5HC.07(II),
TSM-xxxDEG5HC.20(II), TSM-xxxDEG5HC.27(II), TSM-xxxDEG5HC.28(II), TSM-xxxDEG5HC.29(II),
(xxx=295-330, in steps of 5).

TSM-xxxDEG15HC(II), TSM-xxxDEG15HC.05(II), TSM-xxxDEG15HC.25(II), TSM-xxxDEG15HC.07(II),
TSM-xxxDEG15HC.20(II), TSM-xxxDEG15HC.27(II), TSM-xxxDEG15HC.28(II), TSM-xxxDEG15HC.29(II),
(xxx=350-410, in steps of 5).

TSM-xxxDEG6HC(II), TSM-xxxDEG15HC.05(II), TSM-xxxDEG15HC.25(II), TSM-xxxDEG6HC.07(II),
TSM-xxxDEG6HC.20(II), TSM-xxxDEG6HC.27(II), TSM-xxxDEG6HC.28(II), TSM-xxxDEG6HC.29(II)
(xxx=295-340, in steps of 5).

TSM-xxxDEG14MC(II), TSM-xxxDEG14MC.05(II), TSM-xxxDEG14MC.25(II), TSM-xxxDEG14MC.07(II),
TSM-xxxDEG14MC.20(II), TSM-xxxDEG14MC.27(II), TSM-xxxDEG14MC.28(II),
TSM-xxxDEG14MC.29(II) (xxx=350-395, in steps of 5).

TSM-xxxDEG5MC(II), TSM-xxxDEG5MC.05(II), TSM-xxxDEG5MC.25(II), TSM-xxxDEG5MC.07(II),
TSM-xxxDEG5MC.20(II), TSM-xxxDEG5MC.27(II), TSM-xxxDEG5MC.28(II), TSM-xxxDEG5MC.29(II),
(xxx=295-330, in steps of 5).

TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.05(II), TSM-xxxDEG15MC.25(II), TSM-xxxDEG15MC.07(II),
TSM-xxxDEG15MC.20(II), TSM-xxxDEG15MC.27(II), TSM-xxxDEG15MC.28(II),
TSM-xxxDEG15MC.29(II), (xxx=350-425, in steps of 5).

TSM-xxxDEG6MC(II), TSM-xxxDEG6MC.05(II), TSM-xxxDEG6MC.25(II), TSM-xxxDEG6MC.07(II),
TSM-xxxDEG6MC.20(II), TSM-xxxDEG6MC.27(II), TSM-xxxDEG6MC.28(II), TSM-xxxDEG6MC.29(II),
(xxx=295-350, in steps of 5).

TSM-xxxDEG17MC(II), TSM-xxxDEG17MC.05(II), TSM-xxxDEG17MC.25(II), TSM-xxxDEG17MC.07(II),
TSM-xxxDEG17MC.20(II), TSM-xxxDEG17MC.27(II), TSM-xxxDEG17MC.28(II), TSM-xxxDEG17MC.29(II),
(xxx=425-460, in steps of 5).

TSM-xxxDEG8MC(II), TSM-xxxDEG8MC.05(II), TSM-xxxDEG8MC.25(II), TSM-xxxDEG8MC.07(II),
TSM-xxxDEG8MC.20(II), TSM-xxxDEG8MC.27(II), TSM-xxxDEG8MC.28(II), TSM-xxxDEG8MC.29(II),
(xxx=355-380, in steps of 5).

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TSM-xxxDEG18MC(II), TSM-xxxDEG18MC.05(II), TSM-xxxDEG18MC.25(II), TSM-xxxDEG18MC.07(II), TSM-xxxDEG18MC.20(II), TSM-xxxDEG18MC.27(II), TSM-xxxDEG18MC.28(II), TSM-xxxDEG18MC.29(II), (xxx=460-510, in steps of 5).

TSM-xxxDEG9C.20, TSM-xxxDEG9C.25, TSM-xxxDEG9C.27, TSM-xxxDEG9C.28, TSM-xxxDEG9C.29, (xxx=370-405, in steps of 5).

TSM-xxxDEG18M(II), TSM-xxxDEG18M.05(II), TSM-xxxDEG18M.25(II), TSM-xxxDEG18M.07(II), TSM-xxxDEG18M.20(II), TSM-xxxDEG18M.27(II), TSM-xxxDEG18M.28(II),

TSM-xxxDEG18M.29(II), (xxx=460-510, in steps of 5).

TSM-xxxDEG9.20, TSM-xxxDEG9.25, TSM-xxxDEG9.27, TSM-xxxDEG9.28, TSM-xxxDEG9.29 (xxx=370-405, in steps of 5).

TSM-xxxDEG17XC.25(II), TSM-xxxDEG17XC.20(II), TSM-xxxDEG17XC.27(II), TSM-xxxDEG17XC.28(II), TSM-xxxDEG17XC.29(II), (xxx=445-490, in steps of 5).

TSM-xxxDEG17X.25(II), TSM-xxxDEG17X.20(II), TSM-xxxDEG17X.27(II), TSM-xxxDEG17X.28(II), TSM-xxxDEG17X.29(II), (xxx=445-490, in steps of 5).

TSM-xxxDEG21C.20, TSM-xxxDEG21C.25, TSM-xxxDEG21C.27, TSM-xxxDEG21C.28, TSM-xxxDEG21C.29, (xxx=625-675, in steps of 5).

TSM-xxxDEG20C.20, TSM-xxxDEG20C.25, TSM-xxxDEG20C.27, TSM-xxxDEG20C.28, TSM-xxxDEG20C.29, (xxx=570-605, in steps of 5);

TSM-xxxDEG19C.20, TSM-xxxDEG19C.25, TSM-xxxDEG19C.27, TSM-xxxDEG19C.28, TSM-xxxDEG19C.29 (xxx=525-555, in steps of 5);

TSM-xxxDEG20.20, TSM-xxxDEG20.25, TSM-xxxDEG20.27, TSM-xxxDEG20.28, TSM-xxxDEG20.29, (xxx=575-605, in steps of 5);

TSM-xxxDEG19.20, TSM-xxxDEG19.25, TSM-xxxDEG19.27, TSM-xxxDEG19.28, TSM-xxxDEG19.29, (xxx=525-555, in steps of 5), (xxx=525-555, in steps of 5);

TSM-xxxDEG18C.20, TSM-xxxDEG18C.25, TSM-xxxDEG18C.27, TSM-xxxDEG18C.28, TSM-xxxDEG18C.29, (xxx=520-555, in steps of 5);

TSM-xxxDEG10C.20, TSM-xxxDEG10C.25, TSM-xxxDEG10C.27, TSM-xxxDEG10C.28, TSM-xxxDEG10C.29, (xxx=425-450, in steps of 5);

TSM-xxxDEG18.20, TSM-xxxDEG18.25, TSM-xxxDEG18.27, TSM-xxxDEG18.28, TSM-xxxDEG18.29, (xxx=520-555, in steps of 5);

TSM-xxxDEG10.20, TSM-xxxDEG10.25, TSM-xxxDEG10.27, TSM-xxxDEG10.28, TSM-xxxDEG10.29, (xxx=425-450, in steps of 5);

TSM-xxxDEG19RC.20, TSM-xxxDEG19RC.25, TSM-xxxDEG19RC.27, TSM-xxxDEG19RC.28, TSM-xxxDEG19RC.29 (xxx=540-590, in steps of 5)

TSM-xxxDEG19RC.B0, TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7, TSM-xxxDEG19RC.B8, TSM-xxxDEG19RC.B9 (xxx=540-590, in steps of 5)

TSM-xxxDEG19R.20, TSM-xxxDEG19R.25, TSM-xxxDEG19R.27, TSM-xxxDEG19R.28, TSM-xxxDEG19R.29 (xxx=540-590, in steps of 5)

TSM-xxxDEG19R.B0, TSM-xxxDEG19R.B5, TSM-xxxDEG19R.B7, TSM-xxxDEG19R.B8,

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TSM-xxxDEG19R.B9 (xxx=540-590, in steps of 5)

TSM-xxxDEG9RC.B0, TSM-xxxDEG9RC.B5, TSM-xxxDEG9RC.B7, TSM-xxxDEG9RC.B8,
TSM-xxxDEG9RC.B9 (xxx=395-435, in steps of 5)

TSM-xxxDEG9RC.20, TSM-xxxDEG9RC.25, TSM-xxxDEG9RC.27, TSM-xxxDEG9RC.28,
TSM-xxxDEG9RC.29 (xxx=395-435, in steps of 5)

TSM-xxxDEG9R.B0, TSM-xxxDEG9R.B5, TSM-xxxDEG9R.B7, TSM-xxxDEG9R.B8,
TSM-xxxDEG9R.B9, (xxx=395-435, in steps of 5)

TSM-xxxDEG9R.20, TSM-xxxDEG9R.25, TSM-xxxDEG9R.27, TSM-xxxDEG9R.28,
TSM-xxxDEG9R.29, (xxx=395-435, in steps of 5)

TSM-xxxDEG15VC.20(II), TSM-xxxDEG15VC.25(II), TSM-xxxDEG15VC.27(II),
TSM-xxxDEG15VC.28(II), TSM-xxxDEG15VC.29(II) , (xxx=465-490, in steps of 5).

TSM-xxxNEG14C(II), TSM-xxxNEG14C.05(II), TSM-xxxNEG14C.25(II), TSM-xxxNEG14C.07(II),
TSM-xxxNEG14C.20(II), TSM-xxxNEG14C.27(II), TSM-xxxNEG14C.28(II), TSM-xxxNEG14C.29(II),
(xxx=350-370, in steps of 5).

TSM-xxxNEG5C(II), TSM-xxxNEG5C.05(II), TSM-xxxNEG5C.25(II), TSM-xxxNEG5C.07(II),
TSM-xxxNEG5C.20(II), TSM-xxxNEG5C.27(II), TSM-xxxNEG5C.28(II), TSM-xxxNEG5C.29(II)
(xxx=295-305, in steps of 5).

TSM-xxxNEG15C(II), TSM-xxxNEG15C.05(II), TSM-xxxNEG15C.25(II), TSM-xxxNEG15C.07(II),
TSM-xxxNEG15C.20(II), TSM-xxxNEG15C.27(II), TSM-xxxNEG15C.28(II), TSM-xxxNEG15C.29(II) ,
(xxx=350-370, in steps of 5).

TSM-xxxNEG6C(II), TSM-xxxNEG6C.05(II), TSM-xxxNEG6C.25(II), TSM-xxxNEG6C.07(II),
TSM-xxxNEG6C.20(II), TSM-xxxNEG6C.27(II), TSM-xxxNEG6C.28(II), TSM-xxxNEG6C.29(II)
(xxx=295-305, in steps of 5)

TSM-xxxNEG16C(II), TSM-xxxNEG16C.05(II), TSM-xxxNEG16C.25(II), TSM-xxxNEG16C.07(II),
TSM-xxxNEG16C.20(II), TSM-xxxNEG16C.27(II), TSM-xxxNEG16C.28(II), TSM-xxxNEG16C.29(II)
(xxx=350-410, in steps of 5).

TSM-xxxNEG7C(II), TSM-xxxNEG7C.05(II), TSM-xxxNEG7C.25(II), TSM-xxxNEG7C.07(II),
TSM-xxxNEG7C.20(II), TSM-xxxNEG7C.27(II), TSM-xxxNEG7C.28(II), TSM-xxxNEG7C.29(II)
(xxx=295-340, in steps of 5).

TSM-xxxNEG14MC(II), TSM-xxxNEG14MC.05(II), TSM-xxxNEG14MC.25(II), TSM-xxxNEG14MC.07(II),
TSM-xxxNEG14MC.20(II), TSM-xxxNEG14MC.27(II), TSM-xxxNEG14MC.28(II),
TSM-xxxNEG14MC.29(II) (xxx=350-380, in steps of 5).

TSM-xxxNEG5MC(II), TSM-xxxNEG5MC.05(II), TSM-xxxNEG5MC.25(II), TSM-xxxNEG5MC.07(II),
TSM-xxxNEG5MC.20(II), TSM-xxxNEG5MC.27(II), TSM-xxxNEG5MC.28(II), TSM-xxxNEG5MC.29(II) ,
(xxx=295-315, in steps of 5).

TSM-xxxNEG15MC(II), TSM-xxxNEG15MC.05(II), TSM-xxxNEG15MC.25(II), TSM-xxxNEG15MC.07(II),
TSM-xxxNEG15MC.20(II), TSM-xxxNEG15MC.27(II), TSM-xxxNEG15MC.28(II), TSM-xxxNEG15MC.29(II) ,
(xxx=350-420, in steps of 5).

TSM-xxxNEG6MC(II), TSM-xxxNEG6MC.05(II), TSM-xxxNEG6MC.25(II), TSM-xxxNEG6MC.07(II),
TSM-xxxNEG6MC.20(II), TSM-xxxNEG6MC.27(II), TSM-xxxNEG6MC.28(II), TSM-xxxNEG6MC.29(II),
(xxx=295-345, in steps of 5).

TSM-xxxNEG15M(II), TSM-xxxNEG15M.05(II), TSM-xxxNEG15M.25(II), TSM-xxxNEG15M.07(II),
TSM-xxxNEG15M.20(II), TSM-xxxNEG15M.27(II), TSM-xxxNEG15M.28(II),

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TSM-xxxNEG15M.29(II) (xxx=350-420, in steps of 5).

TSM-xxxNEG6M(II), TSM-xxxNEG6M.05(II), TSM-xxxNEG6M.25(II), TSM-xxxNEG6M.07(II),
TSM-xxxNEG6M.20(II), TSM-xxxNEG6M.27(II), TSM-xxxNEG6M.28(II), TSM-xxxNEG6M.29(II) ,
(xxx=295-345, in steps of 5).

TSM-xxxNEG16MC(II), TSM-xxxNEG16MC.05(II), TSM-xxxNEG16MC.25(II), TSM-xxxNEG16MC.07(II),
TSM-xxxNEG16MC.20(II), TSM-xxxNEG16MC.27(II), TSM-xxxNEG16MC.28(II), TSM-xxxNEG16MC.29(II),
(xxx=390-435, in steps of 5).

TSM-xxxNEG7MC(II), TSM-xxxNEG7MC.05(II), TSM-xxxNEG7MC.25(II), TSM-xxxNEG7MC.07(II),
TSM-xxxNEG7MC.20(II), TSM-xxxNEG7MC.27(II), TSM-xxxNEG7MC.28(II), TSM-xxxNEG7MC.29(II),
(xxx=325-360, in steps of 5).

TSM-xxxNEG16M(II), TSM-xxxNEG16M.05(II), TSM-xxxNEG16M.25(II), TSM-xxxNEG16M.07(II),
TSM-xxxNEG16M.20(II), TSM-xxxNEG16M.27(II), TSM-xxxNEG16M.28(II), TSM-xxxNEG16M.29(II) ,
(xxx=390-435, in steps of 5).

TSM-xxxNEG7M(II), TSM-xxxNEG7M.05(II), TSM-xxxNEG7M.25(II), TSM-xxxNEG7M.07(II),
TSM-xxxNEG7M.20(II), TSM-xxxNEG7M.27(II), TSM-xxxNEG7M.28(II), TSM-xxxNEG7M.29(II)
(xxx=325-360, in steps of 5).

TSM-xxxNEG15XC(II), TSM-xxxNEG15XC.05(II), TSM-xxxNEG15XC.25(II), TSM-xxxNEG15XC.07(II),
TSM-xxxNEG15XC.20(II), TSM-xxxNEG15XC.27(II), TSM-xxxNEG15XC.28(II), TSM-xxxNEG15XC.29(II)
(xxx=425-445, in steps of 5).

TSM-xxxDEG5ZV(II), TSM-xxxDEG5ZV.05(II), TSM-xxxDEG5ZV.07(II), TSM-xxxDEG5ZV.40(II),
TSM-xxxDEG5ZV.47(II), (xxx=305-330, in steps of 5).

TSM-xxxNEG18MC.20(II), TSM-xxxNEG18MC.25(II), TSM-xxxNEG18MC.27(II), TSM-xxxNEG18MC.28(II),
TSM-xxxNEG18MC.29(II), TSM-xxxNEG18MC.30(II), (xxx=500-520, in steps of 5)

TSM-xxxNEG9C.20, TSM-xxxNEG9C.25, TSM-xxxNEG9C.27, TSM-xxxNEG9C.28, TSM-xxxNEG9C.29,
(xxx=390-430, in steps of 5)

TSM-xxxNEG9.20, TSM-xxxNEG9.25, TSM-xxxNEG9.27, TSM-xxxNEG9.28, TSM-xxxNEG9.29,
(xxx=390-430, in steps of 5)

TSM-xxxNEG20C.20, TSM-xxxNEG20C.25, TSM-xxxNEG20C.27, TSM-xxxNEG20C.28,
TSM-xxxNEG20C.29 , (xxx=580-625, in steps of 5)

TSM-xxxNEG19C.20, TSM-xxxNEG19C.25, TSM-xxxNEG19C.27, TSM-xxxNEG19C.28,
TSM-xxxNEG19C.29, (xxx=530-570, in steps of 5)

TSM-xxxNEG21C.20, TSM-xxxNEG21C.25, TSM-xxxNEG21C.27, TSM-xxxNEG21C.28,
TSM-xxxNEG21C.29, (xxx=635-690, in steps of 5)

TSM-xxxHEG15XKC.203, TSM-xxxHEG15XKC.253, TSM-xxxHEG15XKC.273, TSM-xxxHEG15XKC.283,
TSM-xxxHEG15XKC.293, (xxx=435-455, in steps of 5)

TSM-xxxHEG15VKC.20, TSM-xxxHEG15VKC.25, TSM-xxxHEG15VKC.27, TSM-xxxHEG15VKC.28,
TSM-xxxHEG15VKC.29, (xxx=475-485, in steps of 5)

TSM-xxxHEG15YKC.20, TSM-xxxHEG15YKC.25, TSM-xxxHEG15YKC.27, TSM-xxxHEG15YKC.28,

TSM-xxxHEG15YKC.29, (xxx=515-530, in steps of 5)

TSM-xxxHEG6XKC.20, TSM-xxxHEG6XKC.25, TSM-xxxHEG6XKC.27, TSM-xxxHEG6XKC.28,
TSM-xxxHEG6XKC.29 , (xxx=370-375, in steps of 5)

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TSM-xxxHEG15XC.20, TSM-xxxHEG15XC.25, TSM-xxxHEG15XC.27, TSM-xxxHEG15XC.28,
TSM-xxxHEG15XC.29, (xxx=440-460, in steps of 5)

TSM-xxxHEG15C.20, TSM-xxxHEG15C.25, TSM-xxxHEG15C.27, TSM-xxxHEG15C.28,

TSM-xxxHEG15C.29, (xxx=410-425, in steps of 5).

TSM-xxxHEG6C.20, TSM-xxxHEG6C.25, TSM-xxxHEG6C.27, TSM-xxxHEG6C.28, TSM-xxxHEG6C.29,
(xxx=340-350, in steps of 5)

TSM-xxxHEG21C.20, TSM-xxxHEG21C.25, TSM-xxxHEG21C.27, TSM-xxxHEG21C.28, TSM-xxxHEG21C.29,
(xxx=640-685, in steps of 5)

TSM-xxxHEG20C.20, TSM-xxxHEG20C.25, TSM-xxxHEG20C.27, TSM-xxxHEG20C.28, TSM-xxxHEG20C.29
(xxx=585-620, in steps of 5)

TSM-xxxHEG19C.20, TSM-xxxHEG19C.25, TSM-xxxHEG19C.27, TSM-xxxHEG19C.28, TSM-xxxHEG19C.29,
(xxx=530-565, in steps of 5)

TSM-xxxPEG14, TSM-xxxPEG14.05, TSM-xxxPEG14.25, TSM-xxxPEG14.07, TSM-xxxPEG14.20,
TSM-xxxPEG14.27, TSM-xxxPEG14.28, TSM-xxxPEG14.29, TSM-xxxPEG14.40, TSM-xxxPEG14.47
(xxx=315-360, in steps of 5);

TSM-xxxPEG14(II), TSM-xxxPEG14.05(II), TSM-xxxPEG14.25(II), TSM-xxxPEG14.07(II),
TSM-xxxPEG14.20(II), TSM-xxxPEG14.27(II), TSM-xxxPEG14.28(II), TSM-xxxPEG14.29(II),
TSM-xxxPEG14.40(II), TSM-xxxPEG14.47(II) (xxx=315-360, in steps of 5).

TSM-xxxPEG5, TSM-xxxPEG5.05, TSM-xxxPEG5.25, TSM-xxxPEG5.07, TSM-xxxPEG5.20, TSM-xxxPEG5.27,
TSM-xxxPEG5.28, TSM-xxxPEG5.29, TSM-xxxPEG5.40, TSM-xxxPEG5.47, (xxx=265-300, in steps of 5);

TSM-xxxPEG5(II), TSM-xxxPEG5.05(II), TSM-xxxPEG5.25(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.20(II),
TSM-xxxPEG5.27(II), TSM-xxxPEG5.28(II), TSM-xxxPEG5.29(II), TSM-xxxPEG5.40(II), TSM-xxxPEG5.47(II),
(xxx=265-300, in steps of 5).

TSM-xxxPEG15, TSM-xxxPEG15.05, TSM-xxxPEG15.25, TSM-xxxPEG15.07, TSM-xxxPEG15.20,
TSM-xxxPEG15.27, TSM-xxxPEG15.28, TSM-xxxPEG15.29, TSM-xxxPEG15.40, TSM-xxxPEG15.47,
(xxx=315-360, in steps of 5);

TSM-xxxPEG15(II), TSM-xxxPEG15.05(II), TSM-xxxPEG15.25(II), TSM-xxxPEG15.07(II),
TSM-xxxPEG15.20(II), TSM-xxxPEG15.27(II), TSM-xxxPEG15.28(II), TSM-xxxPEG15.29(II),
TSM-xxxPEG15.40(II), TSM-xxxPEG15.47(II), (xxx=315-360, in steps of 5).

TSM-xxxPEG6, TSM-xxxPEG6.05, TSM-xxxPEG6.25, TSM-xxxPEG6.07, TSM-xxxPEG6.20, TSM-xxxPEG6.27,
TSM-xxxPEG6.28, TSM-xxxPEG6.29, TSM-xxxPEG6.40, TSM-xxxPEG6.47, (xxx=265-300, in steps of 5);

TSM-xxxPEG6(II), TSM-xxxPEG6.05(II), TSM-xxxPEG6.25(II), TSM-xxxPEG6.07(II), TSM-xxxPEG6.20(II),
TSM-xxxPEG6.27(II), TSM-xxxPEG6.28(II), TSM-xxxPEG6.29(II), TSM-xxxPEG6.40(II),
TSM-xxxPEG6.47(II), (xxx=265-300, in steps of 5).

TSM-xxxPEG14H, TSM-xxxPEG14H.05, TSM-xxxPEG14H.25, TSM-xxxPEG14H.07, TSM-xxxPEG14H.20,
TSM-xxxPEG14H.27, TSM-xxxPEG14H.28, TSM-xxxPEG14H.29, TSM-xxxPEG14H.40,
TSM-xxxPEG14H.47, (xxx=330-360, in steps of 5);

TSM-xxxPEG14H(II), TSM-xxxPEG14H.05(II), TSM-xxxPEG14H.25(II), TSM-xxxPEG14H.07(II),
TSM-xxxPEG14H.20(II), TSM-xxxPEG14H.27(II), TSM-xxxPEG14H.28(II), TSM-xxxPEG14H.29(II),

TSM-xxxPEG14H.40(II), TSM-xxxPEG14H.47(II), (xxx=330-360, in steps of 5).

TSM-xxxPEG5H, TSM-xxxPEG5H.05, TSM-xxxPEG5H.25, TSM-xxxPEG5H.07, TSM-xxxPEG5H.20,

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TSM-xxxPEG5H.27, TSM-xxxPEG5H.28, TSM-xxxPEG5H.29, TSM-xxxPEG5H.40, TSM-xxxPEG5H.47,
(xxx=275-300, in steps of 5);

TSM-xxxPEG5H(II), TSM-xxxPEG5H.05(II), TSM-xxxPEG5H.25(II), TSM-xxxPEG5H.07(II),
TSM-xxxPEG5H.20(II), TSM-xxxPEG5H.27(II), TSM-xxxPEG5H.28(II), TSM-xxxPEG5H.29(II),
TSM-xxxPEG5H.40(II), TSM-xxxPEG5H.47(II), (xxx=275-300, in steps of 5).

TSM-xxxPEG15H, TSM-xxxPEG15H.05, TSM-xxxPEG15H.25, TSM-xxxPEG15H.07, TSM-xxxPEG15H.20,
TSM-xxxPEG15H.27, TSM-xxxPEG15H.28, TSM-xxxPEG15H.29, TSM-xxxPEG15H.40, TSM-xxxPEG15H.47,
(xxx=340-360, in steps of 5);

TSM-xxxPEG15H(II), TSM-xxxPEG15H.05(II), TSM-xxxPEG15H.25(II), TSM-xxxPEG15H.07(II),
TSM-xxxPEG15H.20(II), TSM-xxxPEG15H.27(II), TSM-xxxPEG15H.28(II), TSM-xxxPEG15H.29(II),
TSM-xxxPEG15H.40(II), TSM-xxxPEG15H.47(II) (xxx=340-400, in steps of 5).

TSM-xxxPEG6H, TSM-xxxPEG6H.05, TSM-xxxPEG6H.25, TSM-xxxPEG6H.07, TSM-xxxPEG6H.20,
TSM-xxxPEG6H.27, TSM-xxxPEG6H.28, TSM-xxxPEG6H.29, TSM-xxxPEG6H.40, TSM-xxxPEG6H.47,
(xxx=280-300, in steps of 5);

TSM-xxxPEG6H(II), TSM-xxxPEG6H.05(II), TSM-xxxPEG6H.25(II), TSM-xxxPEG6H.07(II),
TSM-xxxPEG6H.20(II), TSM-xxxPEG6H.27(II), TSM-xxxPEG6H.28(II), TSM-xxxPEG6H.29(II),
TSM-xxxPEG6H.40(II), TSM-xxxPEG6H.47(II) (xxx=280-330, in steps of 5).

TSM-xxxPEG14M(II), TSM-xxxPEG14M.05(II), TSM-xxxPEG14M.25(II), TSM-xxxPEG14M.07(II),
TSM-xxxPEG14M.20(II), TSM-xxxPEG14M.27(II), TSM-xxxPEG14M.28(II), TSM-xxxPEG14M.29(II),
TSM-xxxPEG14M.40(II), TSM-xxxPEG14M.47(II) (xxx=330-360, in steps of 5).

TSM-xxxPEG5M(II), TSM-xxxPEG5M.05(II), TSM-xxxPEG5M.25(II), TSM-xxxPEG5M.07(II),
TSM-xxxPEG5M.20(II), TSM-xxxPEG5M.27(II), TSM-xxxPEG5M.28(II), TSM-xxxPEG5M.29(II),
TSM-xxxPEG5M.40(II), TSM-xxxPEG5M.47(II),
(xxx=275-300, in steps of 5).

TSM-xxxPEG15M(II), TSM-xxxPEG15M.05(II), TSM-xxxPEG15M.25(II), TSM-xxxPEG15M.07(II),
TSM-xxxPEG15M.20(II), TSM-xxxPEG15M.27(II), TSM-xxxPEG15M.28(II), TSM-xxxPEG15M.29(II),
TSM-xxxPEG15M.40(II), TSM-xxxPEG15M.47(II) (xxx=340-405, in steps of 5).

TSM-xxxPEG6M(II), TSM-xxxPEG6M.05(II), TSM-xxxPEG6M.25(II), TSM-xxxPEG6M.07(II),
TSM-xxxPEG6M.20(II), TSM-xxxPEG6M.27(II), TSM-xxxPEG6M.28(II), TSM-xxxPEG6M.29(II),
TSM-xxxPEG6M.40(II), TSM-xxxPEG6M.47(II), (xxx=280-335, in steps of 5).

TSM-xxxPEG17MC(II), TSM-xxxPEG17MC.05(II), TSM-xxxPEG17MC.25(II), TSM-xxxPEG17MC.07(II),
TSM-xxxPEG17MC.20(II), TSM-xxxPEG17MC.27(II), TSM-xxxPEG17MC.28(II), TSM-xxxPEG17MC.29(II)
(xxx=410-445, in steps of 5).

TSM-xxxPEG8MC(II), TSM-xxxPEG8MC.05(II), TSM-xxxPEG8MC.25(II), TSM-xxxPEG8MC.07(II),
TSM-xxxPEG8MC.20(II), TSM-xxxPEG8MC.27(II), TSM-xxxPEG8MC.28(II), TSM-xxxPEG8MC.29(II)
(xxx=350-365, in steps of 5)

TSM-xxxPEG17M(II), TSM-xxxPEG17M.05(II), TSM-xxxPEG17M.25(II), TSM-xxxPEG17M.07(II),
TSM-xxxPEG17M.20(II), TSM-xxxPEG17M.27(II), TSM-xxxPEG17M.28(II), TSM-xxxPEG17M.29(II)
(xxx=410-445, in steps of 5).

TSM-xxxPEG8M(II), TSM-xxxPEG8M.05(II), TSM-xxxPEG8M.25(II), TSM-xxxPEG8M.07(II),

TSM-xxxPEG8M.20(II), TSM-xxxPEG8M.27(II), TSM-xxxPEG8M.28(II), TSM-xxxPEG8M.29(II),
(xxx=350-365, in steps of 5).

TSM-xxxPEG5ZV, TSM-xxxPEG5ZV.05, TSM-xxxPEG5ZV.07, TSM-xxxPEG5ZV.40, TSM-xxxPEG5ZV.47
(xxx=280-300, in steps of 5).

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TSM-xxxNEG19RC.20, TSM-xxxNEG19RC.25, TSM-xxxNEG19RC.27, TSM-xxxNEG19RC.28,
TSM-xxxNEG19RC.29, (xxx=565-595, in steps of 5);

TSM-xxxNEG9RC.20, TSM-xxxNEG9RC.25, TSM-xxxNEG9RC.28, TSM-xxxNEG9RC.27, TSM-xxxNEG9RC.29, TSM-
xxxNEG9RC.B0, TSM-xxxNEG9RC.B5, TSM-xxxNEG9RC.B8, TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
(xxx=395-445, in steps of 5)

TSM-xxxNEG9R.20, TSM-xxxNEG9R.25, TSM-xxxNEG9R.28, TSM-xxxNEG9R.27, TSM-xxxNEG9R.29, TSM-
xxxNEG9R.B0, TSM-xxxNEG9R.B5, TSM-xxxNEG9R.B8, TSM-xxxNEG9R.B7, TSM-xxxNEG9R.B9, (xxx=395-445, in
steps of 5)

TSM-xxxDEG9R.20W, TSM-xxxDEG9R.28W, (xxx=395-435, in steps of 5).

TSM-xxxDEG9RC.27W, (xxx=395-435, in steps of 5); TSM-xxxDEG18MC.20W(II), (xxx=460-510, in steps of 5);

TSM-xxxDEG19C.20W, (xxx=525-555, in steps of 5); TSM-xxxDEG19RC.20W, (xxx=540-590, in steps of 5);

TSM-xxxDEG20C.20W, TSM-xxxDEG20C.28W, (xxx=570-605, in steps of 5)

TSM-xxxDEG21C.20W, (xxx=625-675, in steps of 5);

TSM-xxxDEG18C.20W, (xxx=520-555, in steps of 5);

Are in conformity with the following standards:

Directive 2014/35/EU, LVD

EN IEC 61730-1:2018

EN IEC 61730-2:2018

EN IEC 61730-1:2018 /AC:2018-06

EN IEC 61730-2:2018 /AC:2018-06

This Declaration of Conformity is issued for the listed above under the sole responsibility of Trina Solar. With reference to the Low Voltage Directive 2014/35/EU relating to the electrical equipment designed for use within certain voltage limits, it confirms that the list equipment complies with the principal protection requirements of the directive. If there is discrepancy between English version, Polish version and Spanish version, the English version should be prevailing.

Signature

Title: Director of Quality Department

Name: Bing Wang

Date: 28th, Feb, 2023

Issued Place: China

Trina Solar Co. Ltd.

No 2 . Tianhe Road, Trina PV Industrial Park, New District,
Changzhou, Jiangsu, 213031, P.R. China

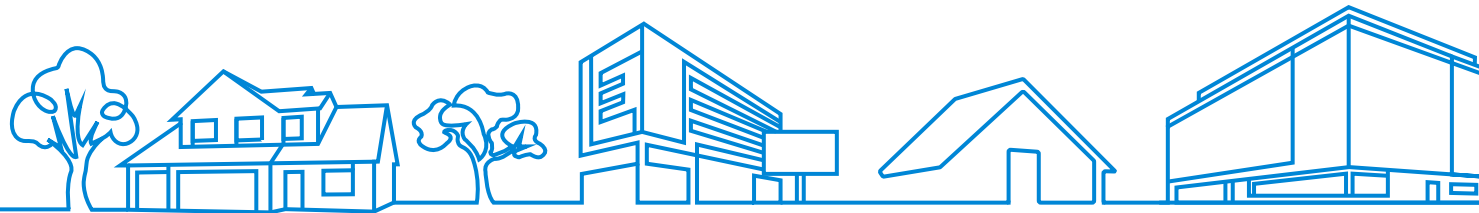
T: +86 519 8548 2008

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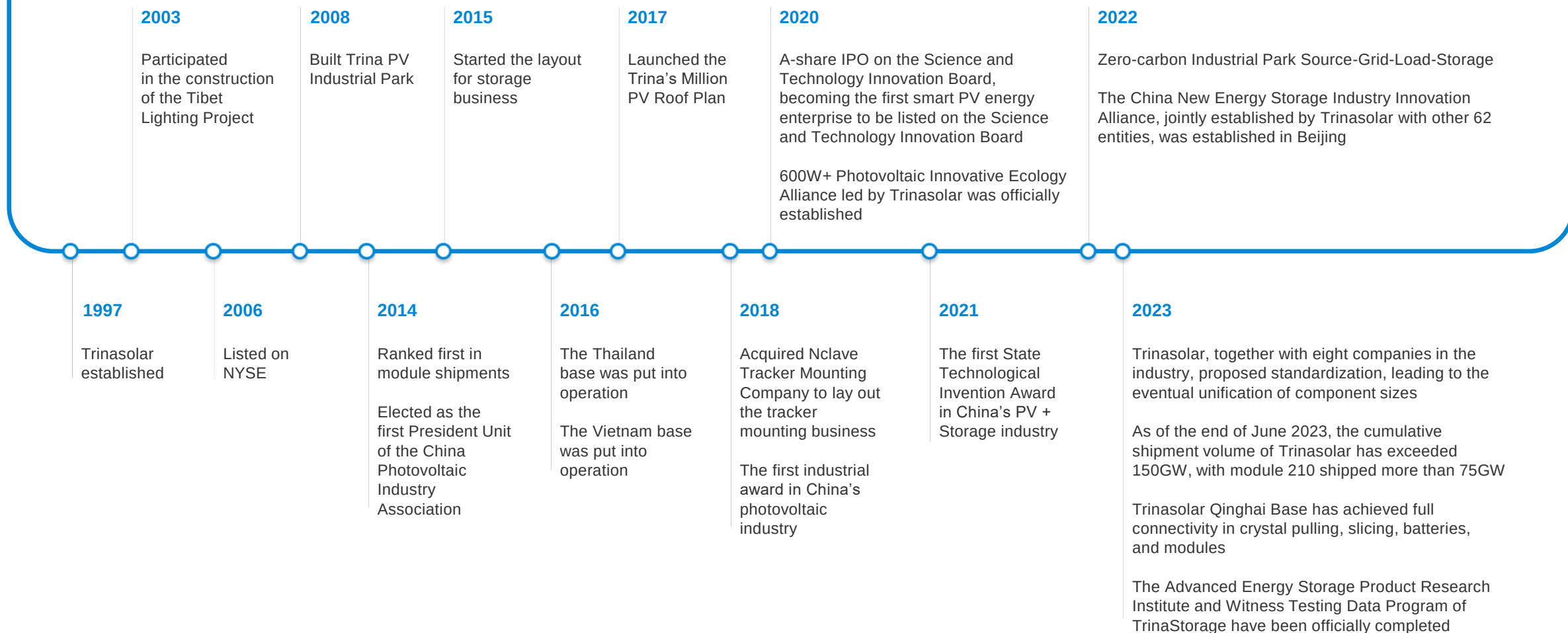
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solutions and facilitating the transformation of new
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Our History.



Complete Solar Solutions



Solar PV Module

Vertex N

Ultra high power modules for utility scale solar farms

Vertex S+

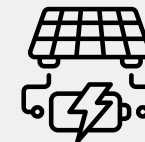
High efficiency dual-glass modules for rooftop solar installations



Solar PV Mounting Structure

Vanguard, Agile, Supertrack, Trina Smart Cloud
Smart tracking system

FixOrigin
Fixed structures



Battery Energy Storage System

Elementa

Own cell, pack, cabinet
DC block

AC integrated Solution
with PCS and PPCMs

Globalization



No.1
210mm
Module shipments



170+
countries



70+
countries
Global employees



50,000+
Employees

Global Insight, Local Expertise.



International Presence

205 GW+ cumulative module shipments

170+ countries and regions

50,000+ employees

70+ countries represented by staff



Local Expertise

9 regional offices in Europe

100+ distribution partners

200+ employees

20+ active countries



Global Manufacturing

120 GW module capacity planning 2024

105 GW solar cell capacity planning 2024

12 GW tracker capacity

12 GWh storage capacity



2023 Operating Income

USD 16.09 billion

Y-o-Y growth

27.26%



2023 Net Income Attributable
to the Parent

USD 784.95 million

Y-o-Y growth

43.42%

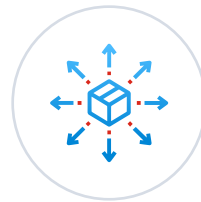


Total Assets

USD 16.99 billion

Y-o-Y growth

31.48%



2023 Total Module Shipments

65.21GW+

Y-o-Y growth

51.33%



R&D Capabilities



Formulation of Standards

Industry standards led on or participated in
220

Standards issued
126

First to propose
IEC international standards



Laboratory Accreditations

World's first
TÜV Rheinland IEC certified witness test laboratory



R&D Results

Patent and software copyright
applications
4000+

Granted patents
2000+

International Recognition



Bloomberg NEF

TIER ONE

For PV Module Manufacturer

* BNEF Tier 1 PV Module Maker List Q3 2023



Bloomberg GREEN

CHAMPION RECOGNITION

For PV Module Manufacturer

* Bloomberg Green ESG Award, Top 50 2024



RETc

OVERALL HIGH ACHIEVER

For PV Module Manufacturer

* RETc PV Module Index Report 2023



PVEL

TOP PERFORMER

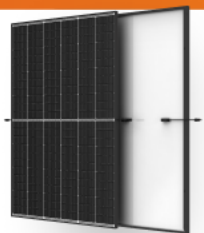
For nine consecutive years

* Module Reliability Scorecard 2023

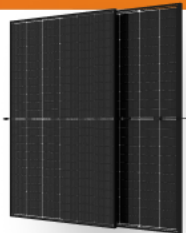
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RESIDENTIAL + COMMERCIAL & INDUSTRIAL

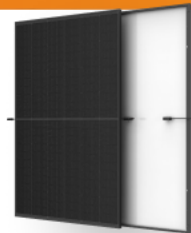
Vertex Rooftop Portfolio



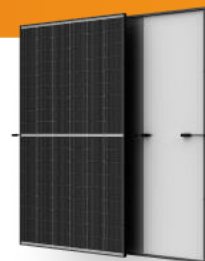
Vertex S⁺
NEG9R.28



Vertex S⁺
Full Black
NEG9R.25



Vertex S⁺
Clear Black
NEG9RC.27



Vertex S⁺
500W+
NEG18R.28



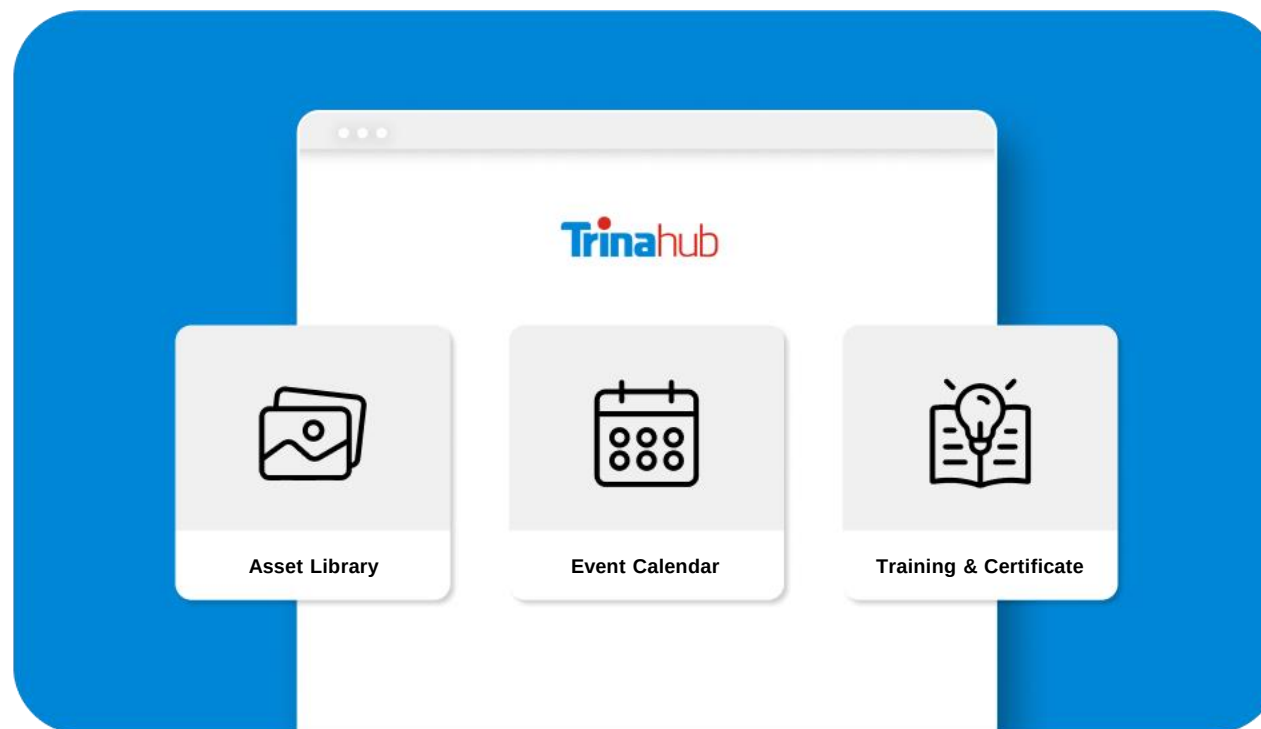
Vertex N
NEG19RC.20



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Product Service

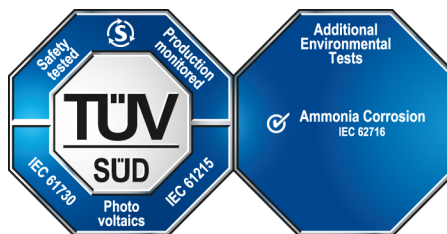
CERTIFICATE

No. Z2 070321 0148 Rev. 07

Holder of Certificate: **Trina Solar Co., Ltd.**

No. 2 TianHe Road, Trina PV Industrial Park
New District
213031 Changzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Poly & Mono Crystalline Silicon Photovoltaic modules

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062210702-07

Valid until: 2028-07-23

Date, 2023-07-28

(David Bo)

CERTIFICATE

No. Z2 070321 0148 Rev. 07

Model(s):

mono series with 157 x 157 (mm) and 156.75 x 156.75 (mm) solar cells:

72 cells:

TSM-xxxDEG14(II), TSM-xxxDEG14.05(II), TSM-xxxDEG14.25(II),
TSM-xxxDEG14.07(II), TSM-xxxDEG14.20(II),
TSM-xxxDEG14.27(II), TSM-xxxDEG14.28(II),
TSM-xxxDEG14.29(II), TSM-xxxDEG14.40(II),
TSM-xxxDEG14.47(II) (xxx=330-390, in steps of 5).

60 cells:

TSM-xxxDEG5(II), TSM-xxxDEG5.05(II), TSM-xxxDEG5.25(II), TSM-
xxxDEG5.07(II), TSM-xxxDEG5.20(II), TSM-xxxDEG5.27(II), TSM-
xxxDEG5.28(II), TSM-xxxDEG5.29(II), TSM-xxxDEG5.40(II), TSM-
xxxDEG5.47(II) (xxx=275-325, in steps of 5).

mono series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxDEG15(II), TSM-xxxDEG15.05(II), TSM-xxxDEG15.25(II), TSM-
xxxDEG15.07(II), TSM-xxxDEG15.20(II),
TSM-xxxDEG15.27(II), TSM-xxxDEG15.28(II),
TSM-xxxDEG15.29(II), TSM-xxxDEG15.40(II),
TSM-xxxDEG15.47(II) (xxx=330-380, in steps of 5).

60 cells:

TSM-xxxDEG6(II), TSM-xxxDEG6.05(II), TSM-xxxDEG6.25(II), TSM-
xxxDEG6.07(II), TSM-xxxDEG6.20(II), TSM-xxxDEG6.27(II), TSM-
xxxDEG6.28(II), TSM-xxxDEG6.29(II), TSM-xxxDEG6.40(II), TSM-
xxxDEG6.47(II) (xxx=275-315, in steps of 5).

mono series with 157 x 157 (mm) bifacial cell:

72 cells:

TSM-xxxDEG14C(II), TSM-xxxDEG14C.05(II),
TSM-xxxDEG14C.25(II), TSM-xxxDEG14C.07(II),
TSM-xxxDEG14C.20(II), TSM-xxxDEG14C.27(II),
TSM-xxxDEG14C.28(II), TSM-xxxDEG14C.29(II)
(xxx=335-370, in steps of 5).

60 cells:

TSM-xxxDEG5C(II), TSM-xxxDEG5C.05(II),
TSM-xxxDEG5C.25(II), TSM-xxxDEG5C.07(II),
TSM-xxxDEG5C.20(II), TSM-xxxDEG5C.27(II),
TSM-xxxDEG5C.28(II), TSM-xxxDEG5C.29(II)
(xxx=285-305, in steps of 5).

mono series with 158.75 x 158.75 (mm) bifacial cell:

72 cells:

TSM-xxxDEG15C(II), TSM-xxxDEG15C.05(II),
TSM-xxxDEG15C.25(II), TSM-xxxDEG15C.07(II),
TSM-xxxDEG15C.20(II), TSM-xxxDEG15C.27(II),
TSM-xxxDEG15C.28(II), TSM-xxxDEG15C.29(II)
(xxx=335-350, in steps of 5).

60 cells:

TSM-xxxDEG6C(II), TSM-xxxDEG6C.05(II),
TSM-xxxDEG6C.25(II), TSM-xxxDEG6C.07(II),
TSM-xxxDEG6C.20(II), TSM-xxxDEG6C.27(II),
TSM-xxxDEG6C.28(II), TSM-xxxDEG6C.29(II)
(xxx=285-295, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxDEG14H(II), TSM-xxxDEG14H.05(II),
TSM-xxxDEG14H.25(II), TSM-xxxDEG14H.07(II),
TSM-xxxDEG14H.20(II), TSM-xxxDEG14H.27(II),
TSM-xxxDEG14H.28(II), TSM-xxxDEG14H.29(II),
TSM-xxxDEG14H.40(II), TSM-xxxDEG14H.47(II)

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No. Z2 070321 0148 Rev. 07

(xxx=345-395, in steps of 5).

120 cells:

TSM-xxxDEG5H(II), TSM-xxxDEG5H.05(II),
TSM-xxxDEG5H.25(II), TSM-xxxDEG5H.07(II),
TSM-xxxDEG5H.20(II), TSM-xxxDEG5H.27(II),
TSM-xxxDEG5H.28(II), TSM-xxxDEG5H.29(II),
TSM-xxxDEG5H.40(II), TSM-xxxDEG5H.47(II)

(xxx=290-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxDEG15H(II), TSM-xxxDEG15H.05(II),
TSM-xxxDEG15H.25(II), TSM-xxxDEG15H.07(II),
TSM-xxxDEG15H.20(II), TSM-xxxDEG15H.27(II),
TSM-xxxDEG15H.28(II), TSM-xxxDEG15H.29(II),
TSM-xxxDEG15H.40(II), TSM-xxxDEG15H.47(II)

(xxx=380-410, in steps of 5).

120 cells:

TSM-xxxDEG6H(II), TSM-xxxDEG6H.05(II),
TSM-xxxDEG6H.25(II), TSM-xxxDEG6H.07(II),
TSM-xxxDEG6H.20(II), TSM-xxxDEG6H.27(II),
TSM-xxxDEG6H.28(II), TSM-xxxDEG6H.29(II),
TSM-xxxDEG6H.40(II), TSM-xxxDEG6H.47(II)

(xxx=310-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxDEG14M(II), TSM-xxxDEG14M.05(II),
TSM-xxxDEG14M.25(II), TSM-xxxDEG14M.07(II),
TSM-xxxDEG14M.20(II), TSM-xxxDEG14M.27(II),
TSM-xxxDEG14M.28(II), TSM-xxxDEG14M.29(II),
TSM-xxxDEG14M.40(II), TSM-xxxDEG14M.47(II)

(xxx=345-385, in steps of 5).

120 cells:

TSM-xxxDEG5M(II), TSM-xxxDEG5M.05(II),
TSM-xxxDEG5M.25(II), TSM-xxxDEG5M.07(II),
TSM-xxxDEG5M.20(II), TSM-xxxDEG5M.27(II),
TSM-xxxDEG5M.28(II), TSM-xxxDEG5M.29(II),
TSM-xxxDEG5M.40(II), TSM-xxxDEG5M.47(II)

(xxx=290-320, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG15M(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.27(II),
TSM-xxxDEG15M.28(II), TSM-xxxDEG15M.29(II),
TSM-xxxDEG15M.40(II), TSM-xxxDEG15M.47(II)

(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxDEG6M(II), TSM-xxxDEG6M.05(II),
TSM-xxxDEG6M.25(II), TSM-xxxDEG6M.07(II),
TSM-xxxDEG6M.20(II), TSM-xxxDEG6M.27(II),
TSM-xxxDEG6M.28(II), TSM-xxxDEG6M.29(II),
TSM-xxxDEG6M.40(II), TSM-xxxDEG6M.47(II)

(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG17M(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.25(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.20(II), TSM-xxxDEG17M.27(II),

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TSM-xxxDEG17M.28(II), TSM-xxxDEG17M.29(II),
TSM-xxxDEG17M.40(II), TSM-xxxDEG17M.47(II)
(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8M(II), TSM-xxxDEG8M.05(II),
TSM-xxxDEG8M.25(II), TSM-xxxDEG8M.07(II),
TSM-xxxDEG8M.20(II), TSM-xxxDEG8M.27(II),
TSM-xxxDEG8M.28(II), TSM-xxxDEG8M.29(II),
TSM-xxxDEG8M.40(II), TSM-xxxDEG8M.47(II)
(xxx=355-380, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG14HC(II), TSM-xxxDEG14HC.05(II),
TSM-xxxDEG14HC.25(II), TSM-xxxDEG14HC.07(II),
TSM-xxxDEG14HC.20(II), TSM-xxxDEG14HC.27(II),
TSM-xxxDEG14HC.28(II), TSM-xxxDEG14HC.29(II)
(xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5HC(II), TSM-xxxDEG5HC.05(II),
TSM-xxxDEG5HC.25(II), TSM-xxxDEG5HC.07(II),
TSM-xxxDEG5HC.20(II), TSM-xxxDEG5HC.27(II),
TSM-xxxDEG5HC.28(II), TSM-xxxDEG5HC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG15HC(II), TSM-xxxDEG15HC.05(II),
TSM-xxxDEG15HC.25(II), TSM-xxxDEG15HC.07(II),
TSM-xxxDEG15HC.20(II), TSM-xxxDEG15HC.27(II),
TSM-xxxDEG15HC.28(II), TSM-xxxDEG15HC.29(II)
(xxx=350-410, in steps of 5).

120 cells:

TSM-xxxDEG6HC(II), TSM-xxxDEG6HC.05(II),
TSM-xxxDEG6HC.25(II), TSM-xxxDEG6HC.07(II),
TSM-xxxDEG6HC.20(II), TSM-xxxDEG6HC.27(II),
TSM-xxxDEG6HC.28(II), TSM-xxxDEG6HC.29(II)
(xxx=295-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG14MC(II), TSM-xxxDEG14MC.05(II),
TSM-xxxDEG14MC.25(II), TSM-xxxDEG14MC.07(II),
TSM-xxxDEG14MC.20(II), TSM-xxxDEG14MC.27(II),
TSM-xxxDEG14MC.28(II), TSM-xxxDEG14MC.29(II)
(xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5MC(II), TSM-xxxDEG5MC.05(II), TSM-
xxxDEG5MC.25(II), TSM-xxxDEG5MC.07(II), TSM-xxxDEG5MC.20(II),
TSM-xxxDEG5MC.27(II), TSM-xxxDEG5MC.28(II), TSM-
xxxDEG5MC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.05(II), TSM-
xxxDEG15MC.25(II), TSM-xxxDEG15MC.07(II), TSM-
xxxDEG15MC.20(II), TSM-xxxDEG15MC.27(II), TSM-
xxxDEG15MC.28(II), TSM-xxxDEG15MC.29(II)
(xxx=350-425, in steps of 5).

120 cells:

TSM-xxxDEG6MC(II), TSM-xxxDEG6MC.05(II), TSM-

CERTIFICATE

No. Z2 070321 0148 Rev. 07

xxxDEG6MC.25(II), TSM-xxxDEG6MC.07(II), TSM-xxxDEG6MC.20(II),
TSM-xxxDEG6MC.27(II), TSM-xxxDEG6MC.28(II), TSM-
xxxDEG6MC.29(II)
(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG17MC(II), TSM-xxxDEG17MC.05(II), TSM-
xxxDEG17MC.25(II), TSM-xxxDEG17MC.07(II), TSM-
xxxDEG17MC.20(II), TSM-xxxDEG17MC.27(II), TSM-
xxxDEG17MC.28(II), TSM-xxxDEG17MC.29(II)

(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8MC(II), TSM-xxxDEG8MC.05(II), TSM-
xxxDEG8MC.25(II), TSM-xxxDEG8MC.07(II), TSM-xxxDEG8MC.20(II),
TSM-xxxDEG8MC.27(II), TSM-xxxDEG8MC.28(II), TSM-
xxxDEG8MC.29(II)

(xxx=355-380, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxDEG18MC(II), TSM-xxxDEG18MC.05(II), TSM-
xxxDEG18MC.25(II), TSM-xxxDEG18MC.07(II), TSM-
xxxDEG18MC.20(II), TSM-xxxDEG18MC.27(II), TSM-
xxxDEG18MC.28(II), TSM-xxxDEG18MC.29(II), TSM-
xxxDEG18MC.20W(II)

(xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9C.20, TSM-xxxDEG9C.25,
TSM-xxxDEG9C.27, TSM-xxxDEG9C.28,
TSM-xxxDEG9C.29

(xxx=370-405, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

150 cells:

TSM-xxxDEG18M(II), TSM-xxxDEG18M.05(II), TSM-xxxDEG18M.25(II),
TSM-xxxDEG18M.07(II), TSM-xxxDEG18M.20(II), TSM-
xxxDEG18M.27(II),
TSM-xxxDEG18M.28(II), TSM-xxxDEG18M.29(II)

(xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9.20, TSM-xxxDEG9.25,
TSM-xxxDEG9.27, TSM-xxxDEG9.28,
TSM-xxxDEG9.29

(xxx=370-405, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell

(for cells splicing technology):

156 cells:

TSM-xxxDEG17XC.25(II), TSM-xxxDEG17XC.20(II),
TSM-xxxDEG17XC.27(II), TSM-xxxDEG17XC.28(II),
TSM-xxxDEG17XC.29(II) (xxx=445-490, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell

(for cells splicing technology)

(Module Type for rear side with white EVA or Glass white):

156 cells:

TSM-xxxDEG17X.25(II), TSM-xxxDEG17X.20(II),
TSM-xxxDEG17X.27(II), TSM-xxxDEG17X.28(II),
TSM-xxxDEG17X.29(II) (xxx=445-490, in steps of 5).

CERTIFICATE

No. Z2 070321 0148 Rev. 07

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

120 cells:

TSM-xxxDEG20C.20, TSM-xxxDEG20C.25,
TSM-xxxDEG20C.27, TSM-xxxDEG20C.28,
TSM-xxxDEG20C.29, TSM-xxxDEG20C.20W
TSM-xxxDEG20C.28W

(xxx=570-605, in steps of 5).

110 cells:

TSM-xxxDEG19C.20, TSM-xxxDEG19C.25,
TSM-xxxDEG19C.27, TSM-xxxDEG19C.28,
TSM-xxxDEG19C.29, TSM-xxxDEG19C.20W

(xxx=525-555, in steps of 5).

132 cells:

TSM-xxxDEG21C.20, TSM-xxxDEG21C.25,
TSM-xxxDEG21C.27, TSM-xxxDEG21C.28,
TSM-xxxDEG21C.29, TSM-xxxDEG21C.20W

(xxx=625-675, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxDEG20.20, TSM-xxxDEG20.25,
TSM-xxxDEG20.27, TSM-xxxDEG20.28,
TSM-xxxDEG20.29 (xxx=575-605, in steps of 5).

110 cells:

TSM-xxxDEG19.20, TSM-xxxDEG19.25,
TSM-xxxDEG19.27, TSM-xxxDEG19.28,
TSM-xxxDEG19.29 (xxx=525-555, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG18C.20, TSM-xxxDEG18C.25,
TSM-xxxDEG18C.27, TSM-xxxDEG18C.28,
TSM-xxxDEG18C.29, TSM-xxxDEG18C.20W
(xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10C.20, TSM-xxxDEG10C.25,
TSM-xxxDEG10C.27, TSM-xxxDEG10C.28,
TSM-xxxDEG10C.29 (xxx=425-450, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG18.20, TSM-xxxDEG18.25,
TSM-xxxDEG18.27, TSM-xxxDEG18.28,
TSM-xxxDEG18.29 (xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10.20, TSM-xxxDEG10.25,
TSM-xxxDEG10.27, TSM-xxxDEG10.28,
TSM-xxxDEG10.29 (xxx=425-450, in steps of 5).

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20, TSM-xxxDEG19RC.25,
TSM-xxxDEG19RC.27, TSM-xxxDEG19RC.28,
TSM-xxxDEG19RC.29, TSM-xxxDEG19RC.B0,
TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7,
TSM-xxxDEG19RC.B8, TSM-xxxDEG19RC.B9,
TSM-xxxDEG19RC.20W (xxx=540-590, in steps of 5)

CERTIFICATE

No. Z2 070321 0148 Rev. 07

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxDEG19R.20, TSM-xxxDEG19R.25,
TSM-xxxDEG19R.27, TSM-xxxDEG19R.28,
TSM-xxxDEG19R.29, TSM-xxxDEG19R.B0,
TSM-xxxDEG19R.B5, TSM-xxxDEG19R.B7,
TSM-xxxDEG19R.B8, TSM-xxxDEG19R.B9,
(xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B0, TSM-xxxDEG9RC.B5,
TSM-xxxDEG9RC.B7, TSM-xxxDEG9RC.B8,
TSM-xxxDEG9RC.B9, TSM-xxxDEG9RC.20,
TSM-xxxDEG9RC.25, TSM-xxxDEG9RC.28,
TSM-xxxDEG9RC.27, TSM-xxxDEG9RC.29,
TSM-xxxDEG9RC.27W (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0, TSM-xxxDEG9R.B5,
TSM-xxxDEG9R.B7, TSM-xxxDEG9R.B8,
TSM-xxxDEG9R.B9, TSM-xxxDEG9R.20,
TSM-xxxDEG9R.25, TSM-xxxDEG9R.27,
TSM-xxxDEG9R.28, TSM-xxxDEG9R.29,
TSM-xxxDEG9R.20W, TSM-xxxDEG9R.28W
(xxx=395-435, in steps of 5)

mono series with 158.75 x 52.9 (mm) 1/3 cutting MBB bifacial cell:

252 cells:

TSM-xxxDEG15VC.20(II), TSM-xxxDEG15VC.25(II),
TSM-xxxDEG15VC.27(II), TSM-xxxDEG15VC.28(II),
TSM-xxxDEG15VC.29(II) (xxx=465-490, in steps of 5).

mono series with 157 x 157 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG14C(II), TSM-xxxNEG14C.05(II),
TSM-xxxNEG14C.25(II), TSM-xxxNEG14C.07(II),
TSM-xxxNEG14C.20(II), TSM-xxxNEG14C.27(II),
TSM-xxxNEG14C.28(II), TSM-xxxNEG14C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG5C(II), TSM-xxxNEG5C.05(II), TSM-xxxNEG5C.25(II),
TSM-xxxNEG5C.07(II), TSM-xxxNEG5C.20(II), TSM-xxxNEG5C.27(II),
TSM-xxxNEG5C.28(II), TSM-xxxNEG5C.29(II) (xxx=295-305, in steps
of 5).

mono series with 158.75 x 158.75 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG15C(II), TSM-xxxNEG15C.05(II), TSM-xxxNEG15C.25(II),
TSM-xxxNEG15C.07(II), TSM-xxxNEG15C.20(II), TSM-
xxxNEG15C.27(II),
TSM-xxxNEG15C.28(II), TSM-xxxNEG15C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG6C(II), TSM-xxxNEG6C.05(II), TSM-xxxNEG6C.25(II),
TSM-xxxNEG6C.07(II), TSM-xxxNEG6C.20(II), TSM-xxxNEG6C.27(II),
TSM-xxxNEG6C.28(II), TSM-xxxNEG6C.29(II) (xxx=295-305, in steps
of 5).

CERTIFICATE

No. Z2 070321 0148 Rev. 07

mono series with 161.7 x 161.7 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG16C(II), TSM-xxxNEG16C.05(II), TSM-xxxNEG16C.25(II),
TSM-xxxNEG16C.07(II), TSM-xxxNEG16C.20(II), TSM-
xxxNEG16C.27(II),
TSM-xxxNEG16C.28(II), TSM-xxxNEG16C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG7C(II), TSM-xxxNEG7C.05(II), TSM-xxxNEG7C.25(II),
TSM-xxxNEG7C.07(II), TSM-xxxNEG7C.20(II), TSM-xxxNEG7C.27(II),
TSM-xxxNEG7C.28(II), TSM-xxxNEG7C.29(II) (xxx=295-305, in steps
of 5).

mono series with 157 x 78.5 (mm) half cutting N type MBB bifacial
cell:

144 cells:

TSM-xxxNEG14MC(II), TSM-xxxNEG14MC.05(II), TSM-
xxxNEG14MC.25(II), TSM-xxxNEG14MC.07(II), TSM-
xxxNEG14MC.20(II), TSM-xxxNEG14MC.27(II), TSM-
xxxNEG14MC.28(II), TSM-xxxNEG14MC.29(II)
(xxx=350-380, in steps of 5).

120 cells:

TSM-xxxNEG5MC(II), TSM-xxxNEG5MC.05(II), TSM-
xxxNEG5MC.25(II), TSM-xxxNEG5MC.07(II), TSM-xxxNEG5MC.20(II),
TSM-xxxNEG5MC.27(II), TSM-xxxNEG5MC.28(II), TSM-
xxxNEG5MC.29(II)
(xxx=295-315, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB
bifacial cell:

144 cells:

TSM-xxxNEG15MC(II), TSM-xxxNEG15MC.05(II), TSM-
xxxNEG15MC.25(II), TSM-xxxNEG15MC.07(II), TSM-
xxxNEG15MC.20(II), TSM-xxxNEG15MC.27(II), TSM-
xxxNEG15MC.28(II), TSM-xxxNEG15MC.29(II)
(xxx=350-400, in steps of 5).

120 cells:

TSM-xxxNEG6MC(II), TSM-xxxNEG6MC.05(II), TSM-
xxxNEG6MC.25(II), TSM-xxxNEG6MC.07(II), TSM-xxxNEG6MC.20(II),
TSM-xxxNEG6MC.27(II), TSM-xxxNEG6MC.28(II), TSM-
xxxNEG6MC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB
bifacial cell (Module Type for rear side with white EVA or Glass
white):

144 cells:

TSM-xxxNEG15M(II), TSM-xxxNEG15M.05(II), TSM-xxxNEG15M.25(II),
TSM-xxxNEG15M.07(II), TSM-xxxNEG15M.20(II), TSM-
xxxNEG15M.27(II),
TSM-xxxNEG15M.28(II), TSM-xxxNEG15M.29(II)
(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxNEG6M(II), TSM-xxxNEG6M.05(II), TSM-xxxNEG6M.25(II),
TSM-xxxNEG6M.07(II), TSM-xxxNEG6M.20(II), TSM-xxxNEG6M.27(II),
TSM-xxxNEG6M.28(II), TSM-xxxNEG6M.29(II) (xxx=295-345, in steps
of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial
cell (Module Type for rear side with white EVA or white Glass):

144 cells:

TSM-xxxNEG16M(II), TSM-xxxNEG16M.05(II), TSM-xxxNEG16M.25(II),

CERTIFICATE

No. Z2 070321 0148 Rev. 07

TSM-xxxNEG16M.07(II), TSM-xxxNEG16M.20(II), TSM-xxxNEG16M.27(II), TSM-xxxNEG16M.28(II), TSM-xxxNEG16M.29(II) (xxx=390-435, in steps of 5).

120 cells:

TSM-xxxNEG7M(II), TSM-xxxNEG7M.05(II), TSM-xxxNEG7M.25(II), TSM-xxxNEG7M.07(II), TSM-xxxNEG7M.20(II), TSM-xxxNEG7MC.27(II), TSM-xxxNEG7M.28(II), TSM-xxxNEG7M.29(II) (xxx=325-360, in steps of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG16MC(II), TSM-xxxNEG16MC.05(II), TSM-xxxNEG16MC.25(II), TSM-xxxNEG16MC.07(II), TSM-xxxNEG16MC.20(II), TSM-xxxNEG16MC.27(II), TSM-xxxNEG16MC.28(II), TSM-xxxNEG16MC.29(II) (xxx=390-415, in steps of 5).

120 cells:

TSM-xxxNEG7MC(II), TSM-xxxNEG7MC.05(II), TSM-xxxNEG7MC.25(II), TSM-xxxNEG7MC.07(II), TSM-xxxNEG7MC.20(II), TSM-xxxNEG7MC.27(II), TSM-xxxNEG7MC.28(II), TSM-xxxNEG7MC.29(II) (xxx=325-345, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxNEG18MC.20(II), TSM-xxxNEG18MC.25(II), TSM-xxxNEG18MC.27(II), TSM-xxxNEG18MC.28(II), TSM-xxxNEG18MC.29(II), TSM-xxxNEG18MC.30(II) (xxx=500-520, in steps of 5).

120 cells:

TSM-xxxNEG9C.20, TSM-xxxNEG9C.25, TSM-xxxNEG9C.27, TSM-xxxNEG9C.28, TSM-xxxNEG9C.29 (xxx=390-430, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxNEG9.20, TSM-xxxNEG9.25, TSM-xxxNEG9.27, TSM-xxxNEG9.28, TSM-xxxNEG9.29 (xxx=390-430, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

120 cells:

TSM-xxxNEG20C.20, TSM-xxxNEG20C.25, TSM-xxxNEG20C.27, TSM-xxxNEG20C.28, TSM-xxxNEG20C.29 (xxx=580-630, in steps of 5).

110 cells:

TSM-xxxNEG19C.20, TSM-xxxNEG19C.25, TSM-xxxNEG19C.27, TSM-xxxNEG19C.28, TSM-xxxNEG19C.29 (xxx=530-570, in steps of 5).

132 cells:

TSM-xxxNEG21C.20, TSM-xxxNEG21C.25, TSM-xxxNEG21C.27, TSM-xxxNEG21C.28, TSM-xxxNEG21C.29 (xxx=635-700, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial

CERTIFICATE

No. Z2 070321 0148 Rev. 07

cell:

144 cells:

TSM-xxxNEG9RC.20, TSM-xxxNEG9RC.25,
TSM-xxxNEG9RC.28, TSM-xxxNEG9RC.27,
TSM-xxxNEG9RC.29, TSM-xxxNEG9RC.B0,
TSM-xxxNEG9RC.B5, TSM-xxxNEG9RC.B8,
TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
(xxx=375-450, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxNEG9R.20, TSM-xxxNEG9R.25,
TSM-xxxNEG9R.28, TSM-xxxNEG9R.27,
TSM-xxxNEG9R.29, TSM-xxxNEG9R.B0,
TSM-xxxNEG9R.B5, TSM-xxxNEG9R.B8,
TSM-xxxNEG9R.B7, TSM-xxxNEG9R.B9,
(xxx=375-450, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG19RC.20, TSM-xxxNEG19RC.25,
TSM-xxxNEG19RC.27, TSM-xxxNEG19RC.28,
TSM-xxxNEG19RC.29, (xxx=525-605, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxNEG19R.20, TSM-xxxNEG19R.25,
TSM-xxxNEG19R.27, TSM-xxxNEG19R.28,
TSM-xxxNEG19R.29, (xxx=525-605, in steps of 5).

mono series with 182.0 x 91.0 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG18C.20, TSM-xxxNEG18C.25,
TSM-xxxNEG18C.27, TSM-xxxNEG18C.28,
TSM-xxxNEG18C.29, (xxx=555-590, in steps of 5)

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell (for cells splicing technology):

156 cells:

TSM-xxxNEG15XC(II), TSM-xxxNEG15XC.05(II), TSM-
xxxNEG15XC.25(II), TSM-xxxNEG15XC.07(II), TSM-
xxxNEG15XC.20(II), TSM-xxxNEG15XC.27(II), TSM-
xxxNEG15XC.28(II), TSM-xxxNEG15XC.29(II)
(xxx=425-445, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:

(Horizontal version: the long side of the cell is parallel to the long side of the module)

156 cells:

TSM-xxxHEG15XKC.203, TSM-xxxHEG15XKC.253,
TSM-xxxHEG15XKC.273, TSM-xxxHEG15XKC.283,
TSM-xxxHEG15XKC.293 (xxx=435-455, in steps of 5).

182 cells:

TSM-xxxHEG15YKC.20, TSM-xxxHEG15YKC.25,

CERTIFICATE

No. Z2 070321 0148 Rev. 07

TSM-xxxHEG15YKC.27, TSM-xxxHEG15YKC.28,
TSM-xxxHEG15YKC.29 (xxx=515-530, in steps of 5).

168 cells:

TSM-xxxHEG15VKC.20, TSM-xxxHEG15VKC.25,
TSM-xxxHEG15VKC.27, TSM-xxxHEG15VKC.28,
TSM-xxxHEG15VKC.29 (xxx=475-485, in steps of 5).

130 cells:

TSM-xxxHEG6XKC.20, TSM-xxxHEG6XKC.25,
TSM-xxxHEG6XKC.27, TSM-xxxHEG6XKC.28,
TSM-xxxHEG6XKC.29 (xxx=370-375, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

156 cells:

TSM-xxxHEG15XC.20, TSM-xxxHEG15XC.25,
TSM-xxxHEG15XC.27, TSM-xxxHEG15XC.28,
TSM-xxxHEG15XC.29 (xxx=440-460, in steps of 5).

144 cells:

TSM-xxxHEG15C.20, TSM-xxxHEG15C.25,
TSM-xxxHEG15C.27, TSM-xxxHEG15C.28,
TSM-xxxHEG15C.29 (xxx=410-425, in steps of 5).

120 cells:

TSM-xxxHEG6C.20, TSM-xxxHEG6C.25,
TSM-xxxHEG6C.27, TSM-xxxHEG6C.28,
TSM-xxxHEG6C.29 (xxx=340-350, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

132 cells:

TSM-xxxHEG21C.20, TSM-xxxHEG21C.25,
TSM-xxxHEG21C.27, TSM-xxxHEG21C.28,
TSM-xxxHEG21C.29 (xxx=640-685, in steps of 5).

120 cells:

TSM-xxxHEG20C.20, TSM-xxxHEG20C.25,
TSM-xxxHEG20C.27, TSM-xxxHEG20C.28,
TSM-xxxHEG20C.29 (xxx=585-620, in steps of 5).

110 cells:

TSM-xxxHEG19C.20, TSM-xxxHEG19C.25,
TSM-xxxHEG19C.27, TSM-xxxHEG19C.28,
TSM-xxxHEG19C.29 (xxx=530-565, in steps of 5).

mono series with 157 x 31.4 (mm) 1/5 cutting cells:

336 cells:

TSM-xxxDEG5ZV(II), TSM-xxxDEG5ZV.05(II), TSM-xxxDEG5ZV.07(II),
TSM-xxxDEG5ZV.40(II), TSM-xxxDEG5ZV.47(II) (xxx=305-330, in steps of 5).

poly series with 157 x 157 (mm) and 156 x 156 (mm) solar cells:

72 cells:

TSM-xxxPEG14, TSM-xxxPEG14.05, TSM-xxxPEG14.25, TSM-xxxPEG14.07, TSM-xxxPEG14.20, TSM-xxxPEG14.27, TSM-xxxPEG14.28, TSM-xxxPEG14.29, TSM-xxxPEG14.40, TSM-xxxPEG14.47 (xxx=315-360, in steps of 5).
TSM-xxxPEG14(II), TSM-xxxPEG14.05(II), TSM-xxxPEG14.25(II), TSM-xxxPEG14.07(II), TSM-xxxPEG14.20(II), TSM-xxxPEG14.27(II), TSM-xxxPEG14.28(II), TSM-xxxPEG14.29(II), TSM-xxxPEG14.40(II), TSM-xxxPEG14.47(II) (xxx=315-360, in steps of 5).

CERTIFICATE

No. Z2 070321 0148 Rev. 07

60 cells:

TSM-xxxPEG5, TSM-xxxPEG5.05, TSM-xxxPEG5.25, TSM-xxxPEG5.07, TSM-xxxPEG5.20, TSM-xxxPEG5.27, TSM-xxxPEG5.28, TSM-xxxPEG5.29, TSM-xxxPEG5.40, TSM-xxxPEG5.47 (xxx=265-300, in steps of 5).

TSM-xxxPEG5(II), TSM-xxxPEG5.05(II), TSM-xxxPEG5.25(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.20(II), TSM-xxxPEG5.27(II), TSM-xxxPEG5.28(II), TSM-xxxPEG5.29(II), TSM-xxxPEG5.40(II), TSM-xxxPEG5.47(II) (xxx=265-300, in steps of 5).

poly series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxPEG15, TSM-xxxPEG15.05, TSM-xxxPEG15.25, TSM-xxxPEG15.07, TSM-xxxPEG15.20, TSM-xxxPEG15.27, TSM-xxxPEG15.28, TSM-xxxPEG15.29, TSM-xxxPEG15.40, TSM-xxxPEG15.47 (xxx=315-360, in steps of 5).

TSM-xxxPEG15(II), TSM-xxxPEG15.05(II), TSM-xxxPEG15.25(II), TSM-xxxPEG15.07(II), TSM-xxxPEG15.20(II), TSM-xxxPEG15.27(II), TSM-xxxPEG15.28(II), TSM-xxxPEG15.29(II), TSM-xxxPEG15.40(II), TSM-xxxPEG15.47(II) (xxx=315-360, in steps of 5).

60 cells:

TSM-xxxPEG6, TSM-xxxPEG6.05, TSM-xxxPEG6.25, TSM-xxxPEG6.07, TSM-xxxPEG6.20, TSM-xxxPEG6.27, TSM-xxxPEG6.28, TSM-xxxPEG6.29, TSM-xxxPEG6.40, TSM-xxxPEG6.47 (xxx=265-300, in steps of 5);

TSM-xxxPEG6(II), TSM-xxxPEG6.05(II), TSM-xxxPEG6.25(II), TSM-xxxPEG6.07(II), TSM-xxxPEG6.20(II), TSM-xxxPEG6.27(II), TSM-xxxPEG6.28(II), TSM-xxxPEG6.29(II), TSM-xxxPEG6.40(II), TSM-xxxPEG6.47(II) (xxx=265-300, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxPEG14H, TSM-xxxPEG14H.05, TSM-xxxPEG14H.25, TSM-xxxPEG14H.07, TSM-xxxPEG14H.20, TSM-xxxPEG14H.27, TSM-xxxPEG14H.28, TSM-xxxPEG14H.29, TSM-xxxPEG14H.40, TSM-xxxPEG14H.47 (xxx=330-360, in steps of 5);

TSM-xxxPEG14H(II), TSM-xxxPEG14H.05(II), TSM-xxxPEG14H.25(II), TSM-xxxPEG14H.07(II), TSM-xxxPEG14H.20(II), TSM-xxxPEG14H.27(II),

TSM-xxxPEG14H.28(II), TSM-xxxPEG14H.29(II), TSM-xxxPEG14H.40(II), TSM-xxxPEG14H.47(II)

(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5H, TSM-xxxPEG5H.05, TSM-xxxPEG5H.25, TSM-xxxPEG5H.07, TSM-xxxPEG5H.20, TSM-xxxPEG5H.27, TSM-xxxPEG5H.28, TSM-xxxPEG5H.29, TSM-xxxPEG5H.40, TSM-xxxPEG5H.47 (xxx=275-300, in steps of 5).

TSM-xxxPEG5H(II), TSM-xxxPEG5H.05(II), TSM-xxxPEG5H.25(II), TSM-xxxPEG5H.07(II), TSM-xxxPEG5H.20(II), TSM-xxxPEG5H.27(II), TSM-xxxPEG5H.28(II), TSM-xxxPEG5H.29(II), TSM-xxxPEG5H.40(II), TSM-xxxPEG5H.47(II)

(xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxPEG15H, TSM-xxxPEG15H.05, TSM-xxxPEG15H.25, TSM-xxxPEG15H.07, TSM-xxxPEG15H.20, TSM-xxxPEG15H.27, TSM-xxxPEG15H.28, TSM-xxxPEG15H.29, TSM-xxxPEG15H.40, TSM-xxxPEG15H.47 (xxx=340-360, in steps of 5).

TSM-xxxPEG15H(II), TSM-xxxPEG15H.05(II), TSM-xxxPEG15H.25(II), TSM-xxxPEG15H.07(II), TSM-xxxPEG15H.20(II), TSM-xxxPEG15H.27(II),

CERTIFICATE

No. Z2 070321 0148 Rev. 07

TSM-xxxPEG15H.28(II), TSM-xxxPEG15H.29(II), TSM-xxxPEG15H.40(II), TSM-xxxPEG15H.47(II)
(xxx=340-400, in steps of 5).

120 cells:

TSM-xxxPEG6H, TSM-xxxPEG6H.05, TSM-xxxPEG6H.25, TSM-xxxPEG6H.07, TSM-xxxPEG6H.20, TSM-xxxPEG6H.27, TSM-xxxPEG6H.28, TSM-xxxPEG6H.29, TSM-xxxPEG6H.40, TSM-xxxPEG6H.47 (xxx=280-300, in steps of 5).
TSM-xxxPEG6H(II), TSM-xxxPEG6H.05(II), TSM-xxxPEG6H.25(II), TSM-xxxPEG6H.07(II), TSM-xxxPEG6H.20(II), TSM-xxxPEG6H.27(II), TSM-xxxPEG6H.28(II), TSM-xxxPEG6H.29(II), TSM-xxxPEG6H.40(II), TSM-xxxPEG6H.47(II), (xxx=280-330, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG14M(II), TSM-xxxPEG14M.05(II), TSM-xxxPEG14M.25(II), TSM-xxxPEG14M.07(II), TSM-xxxPEG14M.20(II), TSM-xxxPEG14M.27(II), TSM-xxxPEG14M.28(II), TSM-xxxPEG14M.29(II), TSM-xxxPEG14M.40(II), TSM-xxxPEG14M.47(II)
(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5M(II), TSM-xxxPEG5M.05(II), TSM-xxxPEG5M.25(II), TSM-xxxPEG5M.07(II), TSM-xxxPEG5M.20(II), TSM-xxxPEG5M.27(II), TSM-xxxPEG5M.28(II), TSM-xxxPEG5M.29(II), TSM-xxxPEG5M.40(II), TSM-xxxPEG5M.47(II) (xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG15M(II), TSM-xxxPEG15M.05(II), TSM-xxxPEG15M.25(II), TSM-xxxPEG15M.07(II), TSM-xxxPEG15M.20(II), TSM-xxxPEG15M.27(II), TSM-xxxPEG15M.28(II), TSM-xxxPEG15M.29(II), TSM-xxxPEG15M.40(II), TSM-xxxPEG15M.47(II)
(xxx=340-405, in steps of 5).

120 cells:

TSM-xxxPEG6M(II), TSM-xxxPEG6M.05(II), TSM-xxxPEG6M.25(II), TSM-xxxPEG6M.07(II), TSM-xxxPEG6M.20(II), TSM-xxxPEG6M.27(II), TSM-xxxPEG6M.28(II), TSM-xxxPEG6M.29(II), TSM-xxxPEG6M.40(II), TSM-xxxPEG6M.47(II) (xxx=280-335, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG17MC(II), TSM-xxxPEG17MC.05(II), TSM-xxxPEG17MC.25(II), TSM-xxxPEG17MC.07(II), TSM-xxxPEG17MC.20(II), TSM-xxxPEG17MC.27(II), TSM-xxxPEG17MC.28(II), TSM-xxxPEG17MC.29(II)
(xxx=410-445, in steps of 5).

120 cells:

TSM-xxxPEG8MC(II), TSM-xxxPEG8MC.05(II), TSM-xxxPEG8MC.25(II), TSM-xxxPEG8MC.07(II), TSM-xxxPEG8MC.20(II), TSM-xxxPEG8MC.27(II), TSM-xxxPEG8MC.28(II), TSM-xxxPEG8MC.29(II)
(xxx=350-365, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxPEG17M(II), TSM-xxxPEG17M.05(II), TSM-xxxPEG17M.25(II), TSM-xxxPEG17M.07(II), TSM-xxxPEG17M.20(II), TSM-xxxPEG17M.27(II), TSM-xxxPEG17M.28(II), TSM-xxxPEG17M.29(II)
(xxx=410-445, in steps of 5).

120 cells:

TSM-xxxPEG8M(II), TSM-xxxPEG8M.05(II), TSM-xxxPEG8M.25(II), TSM-xxxPEG8M.07(II), TSM-xxxPEG8M.20(II), TSM-xxxPEG8M.27(II),

CERTIFICATE

No. Z2 070321 0148 Rev. 07

TSM-xxxPEG8M.28(II), TSM-xxxPEG8M.29(II) (xxx=350-365, in steps of 5).

poly series with 157 x 31.4 (mm) 1/5 cutting cells:

336 cells:

TSM-xxxPEG5ZV, TSM-xxxPEG5ZV.05, TSM-xxxPEG5ZV.07,
TSM-xxxPEG5ZV.40, TSM-xxxPEG5ZV.47

(xxx=280-300, in steps of 5).

xxx stands for rated output power at STC

Smart PV modules:

(Module Type with junction box TSD301xy)

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG21C.20S (xxx=625-675, in steps of 5)

120 cells:

TSM-xxxDEG20C.20S (xxx=570-605, in steps of 5)

110 cells:

TSM-xxxDEG19C.20S (xxx=525-555, in steps of 5)

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20S (xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B7S (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0S, TSM-xxxDEG9R.B8S

(xxx=395-435, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxDEG18MC.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

150 cells:

TSM-xxxDEG18M.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG21C.20S (xxx=635-690, in steps of 5)

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG19RC.20S (xxx=565-595, in steps of 5)

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxNEG9R.20S, TSM-xxxNEG9R.28S

(xxx=395-445, in steps of 5)

xxx stands for rated output power at STC



CERTIFICATE

No. Z2 070321 0148 Rev. 07

Parameters:

Construction:	Framed or Frameless with Junction box, cable and connector.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
IEC 62716:2013



Product Service

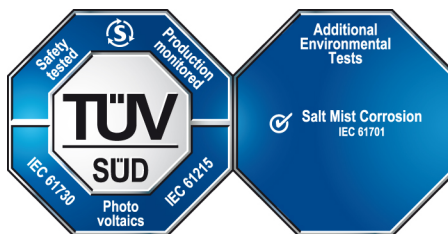
CERTIFICATE

No. Z2 070321 0149 Rev. 07

Holder of Certificate: **Trina Solar Co., Ltd.**

No. 2 TianHe Road, Trina PV Industrial Park
New District
213031 Changzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Poly & Mono Crystalline Silicon Photovoltaic modules

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062210701-07

Valid until: 2028-07-23

Date, 2023-07-28

(David Bo)

CERTIFICATE

No. Z2 070321 0149 Rev. 07

Model(s):

mono series with 157 x 157 (mm) and 156.75 x 156.75 (mm) solar cells:

72 cells:

TSM-xxxDEG14(II), TSM-xxxDEG14.05(II), TSM-xxxDEG14.25(II),
TSM-xxxDEG14.07(II), TSM-xxxDEG14.20(II),
TSM-xxxDEG14.27(II), TSM-xxxDEG14.28(II),
TSM-xxxDEG14.29(II), TSM-xxxDEG14.40(II),
TSM-xxxDEG14.47(II) (xxx=330-390, in steps of 5).

60 cells:

TSM-xxxDEG5(II), TSM-xxxDEG5.05(II), TSM-xxxDEG5.25(II), TSM-
xxxDEG5.07(II), TSM-xxxDEG5.20(II), TSM-xxxDEG5.27(II), TSM-
xxxDEG5.28(II), TSM-xxxDEG5.29(II), TSM-xxxDEG5.40(II), TSM-
xxxDEG5.47(II) (xxx=275-325, in steps of 5).

mono series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxDEG15(II), TSM-xxxDEG15.05(II), TSM-xxxDEG15.25(II), TSM-
xxxDEG15.07(II), TSM-xxxDEG15.20(II),
TSM-xxxDEG15.27(II), TSM-xxxDEG15.28(II),
TSM-xxxDEG15.29(II), TSM-xxxDEG15.40(II),
TSM-xxxDEG15.47(II) (xxx=330-380, in steps of 5).

60 cells:

TSM-xxxDEG6(II), TSM-xxxDEG6.05(II), TSM-xxxDEG6.25(II), TSM-
xxxDEG6.07(II), TSM-xxxDEG6.20(II), TSM-xxxDEG6.27(II), TSM-
xxxDEG6.28(II), TSM-xxxDEG6.29(II), TSM-xxxDEG6.40(II), TSM-
xxxDEG6.47(II) (xxx=275-315, in steps of 5).

mono series with 157 x 157 (mm) bifacial cell:

72 cells:

TSM-xxxDEG14C(II), TSM-xxxDEG14C.05(II),
TSM-xxxDEG14C.25(II), TSM-xxxDEG14C.07(II),
TSM-xxxDEG14C.20(II), TSM-xxxDEG14C.27(II),
TSM-xxxDEG14C.28(II), TSM-xxxDEG14C.29(II)
(xxx=335-370, in steps of 5).

60 cells:

TSM-xxxDEG5C(II), TSM-xxxDEG5C.05(II),
TSM-xxxDEG5C.25(II), TSM-xxxDEG5C.07(II),
TSM-xxxDEG5C.20(II), TSM-xxxDEG5C.27(II),
TSM-xxxDEG5C.28(II), TSM-xxxDEG5C.29(II)
(xxx=285-305, in steps of 5).

mono series with 158.75 x 158.75 (mm) bifacial cell:

72 cells:

TSM-xxxDEG15C(II), TSM-xxxDEG15C.05(II),
TSM-xxxDEG15C.25(II), TSM-xxxDEG15C.07(II),
TSM-xxxDEG15C.20(II), TSM-xxxDEG15C.27(II),
TSM-xxxDEG15C.28(II), TSM-xxxDEG15C.29(II)
(xxx=335-350, in steps of 5).

60 cells:

TSM-xxxDEG6C(II), TSM-xxxDEG6C.05(II),
TSM-xxxDEG6C.25(II), TSM-xxxDEG6C.07(II),
TSM-xxxDEG6C.20(II), TSM-xxxDEG6C.27(II),
TSM-xxxDEG6C.28(II), TSM-xxxDEG6C.29(II)
(xxx=285-295, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxDEG14H(II), TSM-xxxDEG14H.05(II),
TSM-xxxDEG14H.25(II), TSM-xxxDEG14H.07(II),
TSM-xxxDEG14H.20(II), TSM-xxxDEG14H.27(II),
TSM-xxxDEG14H.28(II), TSM-xxxDEG14H.29(II),
TSM-xxxDEG14H.40(II), TSM-xxxDEG14H.47(II)

CERTIFICATE

No. Z2 070321 0149 Rev. 07

(xxx=345-395, in steps of 5).

120 cells:

TSM-xxxDEG5H(II), TSM-xxxDEG5H.05(II),
TSM-xxxDEG5H.25(II), TSM-xxxDEG5H.07(II),
TSM-xxxDEG5H.20(II), TSM-xxxDEG5H.27(II),
TSM-xxxDEG5H.28(II), TSM-xxxDEG5H.29(II),
TSM-xxxDEG5H.40(II), TSM-xxxDEG5H.47(II)

(xxx=290-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxDEG15H(II), TSM-xxxDEG15H.05(II),
TSM-xxxDEG15H.25(II), TSM-xxxDEG15H.07(II),
TSM-xxxDEG15H.20(II), TSM-xxxDEG15H.27(II),
TSM-xxxDEG15H.28(II), TSM-xxxDEG15H.29(II),
TSM-xxxDEG15H.40(II), TSM-xxxDEG15H.47(II)

(xxx=380-410, in steps of 5).

120 cells:

TSM-xxxDEG6H(II), TSM-xxxDEG6H.05(II),
TSM-xxxDEG6H.25(II), TSM-xxxDEG6H.07(II),
TSM-xxxDEG6H.20(II), TSM-xxxDEG6H.27(II),
TSM-xxxDEG6H.28(II), TSM-xxxDEG6H.29(II),
TSM-xxxDEG6H.40(II), TSM-xxxDEG6H.47(II)

(xxx=310-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxDEG14M(II), TSM-xxxDEG14M.05(II),
TSM-xxxDEG14M.25(II), TSM-xxxDEG14M.07(II),
TSM-xxxDEG14M.20(II), TSM-xxxDEG14M.27(II),
TSM-xxxDEG14M.28(II), TSM-xxxDEG14M.29(II),
TSM-xxxDEG14M.40(II), TSM-xxxDEG14M.47(II)

(xxx=345-385, in steps of 5).

120 cells:

TSM-xxxDEG5M(II), TSM-xxxDEG5M.05(II),
TSM-xxxDEG5M.25(II), TSM-xxxDEG5M.07(II),
TSM-xxxDEG5M.20(II), TSM-xxxDEG5M.27(II),
TSM-xxxDEG5M.28(II), TSM-xxxDEG5M.29(II),
TSM-xxxDEG5M.40(II), TSM-xxxDEG5M.47(II)

(xxx=290-320, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG15M(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.27(II),
TSM-xxxDEG15M.28(II), TSM-xxxDEG15M.29(II),
TSM-xxxDEG15M.40(II), TSM-xxxDEG15M.47(II)

(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxDEG6M(II), TSM-xxxDEG6M.05(II),
TSM-xxxDEG6M.25(II), TSM-xxxDEG6M.07(II),
TSM-xxxDEG6M.20(II), TSM-xxxDEG6M.27(II),
TSM-xxxDEG6M.28(II), TSM-xxxDEG6M.29(II),
TSM-xxxDEG6M.40(II), TSM-xxxDEG6M.47(II)

(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG17M(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.25(II), TSM-xxxDEG17M.07(II),
TSM-xxxDEG17M.20(II), TSM-xxxDEG17M.27(II),

CERTIFICATE

No. Z2 070321 0149 Rev. 07

TSM-xxxDEG17M.28(II), TSM-xxxDEG17M.29(II),
TSM-xxxDEG17M.40(II), TSM-xxxDEG17M.47(II)
(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8M(II), TSM-xxxDEG8M.05(II),
TSM-xxxDEG8M.25(II), TSM-xxxDEG8M.07(II),
TSM-xxxDEG8M.20(II), TSM-xxxDEG8M.27(II),
TSM-xxxDEG8M.28(II), TSM-xxxDEG8M.29(II),
TSM-xxxDEG8M.40(II), TSM-xxxDEG8M.47(II)
(xxx=355-380, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG14HC(II), TSM-xxxDEG14HC.05(II),
TSM-xxxDEG14HC.25(II), TSM-xxxDEG14HC.07(II),
TSM-xxxDEG14HC.20(II), TSM-xxxDEG14HC.27(II),
TSM-xxxDEG14HC.28(II), TSM-xxxDEG14HC.29(II)
(xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5HC(II), TSM-xxxDEG5HC.05(II),
TSM-xxxDEG5HC.25(II), TSM-xxxDEG5HC.07(II),
TSM-xxxDEG5HC.20(II), TSM-xxxDEG5HC.27(II),
TSM-xxxDEG5HC.28(II), TSM-xxxDEG5HC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG15HC(II), TSM-xxxDEG15HC.05(II),
TSM-xxxDEG15HC.25(II), TSM-xxxDEG15HC.07(II),
TSM-xxxDEG15HC.20(II), TSM-xxxDEG15HC.27(II),
TSM-xxxDEG15HC.28(II), TSM-xxxDEG15HC.29(II)
(xxx=350-410, in steps of 5).

120 cells:

TSM-xxxDEG6HC(II), TSM-xxxDEG6HC.05(II),
TSM-xxxDEG6HC.25(II), TSM-xxxDEG6HC.07(II),
TSM-xxxDEG6HC.20(II), TSM-xxxDEG6HC.27(II),
TSM-xxxDEG6HC.28(II), TSM-xxxDEG6HC.29(II)
(xxx=295-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG14MC(II), TSM-xxxDEG14MC.05(II),
TSM-xxxDEG14MC.25(II), TSM-xxxDEG14MC.07(II),
TSM-xxxDEG14MC.20(II), TSM-xxxDEG14MC.27(II),
TSM-xxxDEG14MC.28(II), TSM-xxxDEG14MC.29(II) (xxx=350-395, in steps of 5).

120 cells:

TSM-xxxDEG5MC(II), TSM-xxxDEG5MC.05(II), TSM-
xxxDEG5MC.25(II), TSM-xxxDEG5MC.07(II), TSM-xxxDEG5MC.20(II),
TSM-xxxDEG5MC.27(II), TSM-xxxDEG5MC.28(II), TSM-
xxxDEG5MC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.05(II), TSM-
xxxDEG15MC.25(II), TSM-xxxDEG15MC.07(II), TSM-
xxxDEG15MC.20(II), TSM-xxxDEG15MC.27(II), TSM-
xxxDEG15MC.28(II), TSM-xxxDEG15MC.29(II)
(xxx=350-425, in steps of 5).

120 cells:

TSM-xxxDEG6MC(II), TSM-xxxDEG6MC.05(II), TSM-

CERTIFICATE

No. Z2 070321 0149 Rev. 07

xxxDEG6MC.25(II), TSM-xxxDEG6MC.07(II), TSM-xxxDEG6MC.20(II),
TSM-xxxDEG6MC.27(II), TSM-xxxDEG6MC.28(II), TSM-
xxxDEG6MC.29(II)
(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting bifacial cell:

144 cells:

TSM-xxxDEG17MC(II), TSM-xxxDEG17MC.05(II), TSM-
xxxDEG17MC.25(II), TSM-xxxDEG17MC.07(II), TSM-
xxxDEG17MC.20(II), TSM-xxxDEG17MC.27(II), TSM-
xxxDEG17MC.28(II), TSM-xxxDEG17MC.29(II)

(xxx=425-460, in steps of 5).

120 cells:

TSM-xxxDEG8MC(II), TSM-xxxDEG8MC.05(II), TSM-
xxxDEG8MC.25(II), TSM-xxxDEG8MC.07(II), TSM-xxxDEG8MC.20(II),
TSM-xxxDEG8MC.27(II), TSM-xxxDEG8MC.28(II), TSM-
xxxDEG8MC.29(II)

(xxx=355-380, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxDEG18MC(II), TSM-xxxDEG18MC.05(II), TSM-
xxxDEG18MC.25(II), TSM-xxxDEG18MC.07(II), TSM-
xxxDEG18MC.20(II), TSM-xxxDEG18MC.27(II), TSM-
xxxDEG18MC.28(II), TSM-xxxDEG18MC.29(II), TSM-
xxxDEG18MC.20W(II)

(xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9C.20, TSM-xxxDEG9C.25,
TSM-xxxDEG9C.27, TSM-xxxDEG9C.28,
TSM-xxxDEG9C.29

(xxx=370-405, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

150 cells:

TSM-xxxDEG18M(II), TSM-xxxDEG18M.05(II), TSM-xxxDEG18M.25(II),
TSM-xxxDEG18M.07(II), TSM-xxxDEG18M.20(II), TSM-
xxxDEG18M.27(II),
TSM-xxxDEG18M.28(II), TSM-xxxDEG18M.29(II)

(xxx=460-510, in steps of 5).

120 cells:

TSM-xxxDEG9.20, TSM-xxxDEG9.25,
TSM-xxxDEG9.27, TSM-xxxDEG9.28,
TSM-xxxDEG9.29

(xxx=370-405, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell

(for cells splicing technology):

156 cells:

TSM-xxxDEG17XC.25(II), TSM-xxxDEG17XC.20(II),
TSM-xxxDEG17XC.27(II), TSM-xxxDEG17XC.28(II),
TSM-xxxDEG17XC.29(II) (xxx=445-490, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell

(for cells splicing technology)

(Module Type for rear side with white EVA or Glass white):

156 cells:

TSM-xxxDEG17X.25(II), TSM-xxxDEG17X.20(II),
TSM-xxxDEG17X.27(II), TSM-xxxDEG17X.28(II),
TSM-xxxDEG17X.29(II) (xxx=445-490, in steps of 5).

CERTIFICATE

No. Z2 070321 0149 Rev. 07

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

120 cells:

TSM-xxxDEG20C.20, TSM-xxxDEG20C.25,
TSM-xxxDEG20C.27, TSM-xxxDEG20C.28,
TSM-xxxDEG20C.29, TSM-xxxDEG20C.20W
TSM-xxxDEG20C.28W

(xxx=570-605, in steps of 5).

110 cells:

TSM-xxxDEG19C.20, TSM-xxxDEG19C.25,
TSM-xxxDEG19C.27, TSM-xxxDEG19C.28,
TSM-xxxDEG19C.29, TSM-xxxDEG19C.20W

(xxx=525-555, in steps of 5).

132 cells:

TSM-xxxDEG21C.20, TSM-xxxDEG21C.25,
TSM-xxxDEG21C.27, TSM-xxxDEG21C.28,
TSM-xxxDEG21C.29, TSM-xxxDEG21C.20W

(xxx=625-675, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxDEG20.20, TSM-xxxDEG20.25,
TSM-xxxDEG20.27, TSM-xxxDEG20.28,
TSM-xxxDEG20.29 (xxx=575-605, in steps of 5).

110 cells:

TSM-xxxDEG19.20, TSM-xxxDEG19.25,
TSM-xxxDEG19.27, TSM-xxxDEG19.28,
TSM-xxxDEG19.29 (xxx=525-555, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG18C.20, TSM-xxxDEG18C.25,
TSM-xxxDEG18C.27, TSM-xxxDEG18C.28,
TSM-xxxDEG18C.29, TSM-xxxDEG18C.20W
(xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10C.20, TSM-xxxDEG10C.25,
TSM-xxxDEG10C.27, TSM-xxxDEG10C.28,
TSM-xxxDEG10C.29 (xxx=425-450, in steps of 5).

mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG18.20, TSM-xxxDEG18.25,
TSM-xxxDEG18.27, TSM-xxxDEG18.28,
TSM-xxxDEG18.29 (xxx=520-555, in steps of 5).

120 cells:

TSM-xxxDEG10.20, TSM-xxxDEG10.25,
TSM-xxxDEG10.27, TSM-xxxDEG10.28,
TSM-xxxDEG10.29 (xxx=425-450, in steps of 5).

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20, TSM-xxxDEG19RC.25,
TSM-xxxDEG19RC.27, TSM-xxxDEG19RC.28,
TSM-xxxDEG19RC.29, TSM-xxxDEG19RC.B0,
TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7,
TSM-xxxDEG19RC.B8, TSM-xxxDEG19RC.B9,
TSM-xxxDEG19RC.20W (xxx=540-590, in steps of 5)

CERTIFICATE

No. Z2 070321 0149 Rev. 07

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxDEG19R.20, TSM-xxxDEG19R.25,
TSM-xxxDEG19R.27, TSM-xxxDEG19R.28,
TSM-xxxDEG19R.29, TSM-xxxDEG19R.B0,
TSM-xxxDEG19R.B5, TSM-xxxDEG19R.B7,
TSM-xxxDEG19R.B8, TSM-xxxDEG19R.B9,
(xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B0, TSM-xxxDEG9RC.B5,
TSM-xxxDEG9RC.B7, TSM-xxxDEG9RC.B8,
TSM-xxxDEG9RC.B9, TSM-xxxDEG9RC.20,
TSM-xxxDEG9RC.25, TSM-xxxDEG9RC.28,
TSM-xxxDEG9RC.27, TSM-xxxDEG9RC.29,
TSM-xxxDEG9RC.27W (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0, TSM-xxxDEG9R.B5,
TSM-xxxDEG9R.B7, TSM-xxxDEG9R.B8,
TSM-xxxDEG9R.B9, TSM-xxxDEG9R.20,
TSM-xxxDEG9R.25, TSM-xxxDEG9R.27,
TSM-xxxDEG9R.28, TSM-xxxDEG9R.29,
TSM-xxxDEG9R.20W, TSM-xxxDEG9R.28W
(xxx=395-435, in steps of 5)

mono series with 158.75 x 52.9 (mm) 1/3 cutting MBB bifacial cell:

252 cells:

TSM-xxxDEG15VC.20(II), TSM-xxxDEG15VC.25(II),
TSM-xxxDEG15VC.27(II), TSM-xxxDEG15VC.28(II),
TSM-xxxDEG15VC.29(II) (xxx=465-490, in steps of 5).

mono series with 157 x 157 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG14C(II), TSM-xxxNEG14C.05(II),
TSM-xxxNEG14C.25(II), TSM-xxxNEG14C.07(II),
TSM-xxxNEG14C.20(II), TSM-xxxNEG14C.27(II),
TSM-xxxNEG14C.28(II), TSM-xxxNEG14C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG5C(II), TSM-xxxNEG5C.05(II), TSM-xxxNEG5C.25(II),
TSM-xxxNEG5C.07(II), TSM-xxxNEG5C.20(II), TSM-xxxNEG5C.27(II),
TSM-xxxNEG5C.28(II), TSM-xxxNEG5C.29(II) (xxx=295-305, in steps
of 5).

mono series with 158.75 x 158.75 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG15C(II), TSM-xxxNEG15C.05(II), TSM-xxxNEG15C.25(II),
TSM-xxxNEG15C.07(II), TSM-xxxNEG15C.20(II), TSM-
xxxNEG15C.27(II),
TSM-xxxNEG15C.28(II), TSM-xxxNEG15C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG6C(II), TSM-xxxNEG6C.05(II), TSM-xxxNEG6C.25(II),
TSM-xxxNEG6C.07(II), TSM-xxxNEG6C.20(II), TSM-xxxNEG6C.27(II),
TSM-xxxNEG6C.28(II), TSM-xxxNEG6C.29(II) (xxx=295-305, in steps
of 5).

CERTIFICATE

No. Z2 070321 0149 Rev. 07

mono series with 161.7 x 161.7 (mm) N type MBB bifacial cell:

72 cells:

TSM-xxxNEG16C(II), TSM-xxxNEG16C.05(II), TSM-xxxNEG16C.25(II),
TSM-xxxNEG16C.07(II), TSM-xxxNEG16C.20(II), TSM-
xxxNEG16C.27(II),
TSM-xxxNEG16C.28(II), TSM-xxxNEG16C.29(II)
(xxx=350-370, in steps of 5).

60 cells:

TSM-xxxNEG7C(II), TSM-xxxNEG7C.05(II), TSM-xxxNEG7C.25(II),
TSM-xxxNEG7C.07(II), TSM-xxxNEG7C.20(II), TSM-xxxNEG7C.27(II),
TSM-xxxNEG7C.28(II), TSM-xxxNEG7C.29(II) (xxx=295-305, in steps
of 5).

mono series with 157 x 78.5 (mm) half cutting N type MBB bifacial
cell:

144 cells:

TSM-xxxNEG14MC(II), TSM-xxxNEG14MC.05(II), TSM-
xxxNEG14MC.25(II), TSM-xxxNEG14MC.07(II), TSM-
xxxNEG14MC.20(II), TSM-xxxNEG14MC.27(II), TSM-
xxxNEG14MC.28(II), TSM-xxxNEG14MC.29(II)
(xxx=350-380, in steps of 5).

120 cells:

TSM-xxxNEG5MC(II), TSM-xxxNEG5MC.05(II), TSM-
xxxNEG5MC.25(II), TSM-xxxNEG5MC.07(II), TSM-xxxNEG5MC.20(II),
TSM-xxxNEG5MC.27(II), TSM-xxxNEG5MC.28(II), TSM-
xxxNEG5MC.29(II)
(xxx=295-315, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB
bifacial cell:

144 cells:

TSM-xxxNEG15MC(II), TSM-xxxNEG15MC.05(II), TSM-
xxxNEG15MC.25(II), TSM-xxxNEG15MC.07(II), TSM-
xxxNEG15MC.20(II), TSM-xxxNEG15MC.27(II), TSM-
xxxNEG15MC.28(II), TSM-xxxNEG15MC.29(II)
(xxx=350-400, in steps of 5).

120 cells:

TSM-xxxNEG6MC(II), TSM-xxxNEG6MC.05(II), TSM-
xxxNEG6MC.25(II), TSM-xxxNEG6MC.07(II), TSM-xxxNEG6MC.20(II),
TSM-xxxNEG6MC.27(II), TSM-xxxNEG6MC.28(II), TSM-
xxxNEG6MC.29(II)
(xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB
bifacial cell (Module Type for rear side with white EVA or Glass
white)

144 cells:

TSM-xxxNEG15M(II), TSM-xxxNEG15M.05(II), TSM-xxxNEG15M.25(II),
TSM-xxxNEG15M.07(II), TSM-xxxNEG15M.20(II), TSM-
xxxNEG15M.27(II),
TSM-xxxNEG15M.28(II), TSM-xxxNEG15M.29(II)
(xxx=350-420, in steps of 5).

120 cells:

TSM-xxxNEG6M(II), TSM-xxxNEG6M.05(II), TSM-xxxNEG6M.25(II),
TSM-xxxNEG6M.07(II), TSM-xxxNEG6M.20(II), TSM-xxxNEG6M.27(II),
TSM-xxxNEG6M.28(II), TSM-xxxNEG6M.29(II) (xxx=295-345, in steps
of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial
cell (Module Type for rear side with white EVA or white Glass):

144 cells:

TSM-xxxNEG16M(II), TSM-xxxNEG16M.05(II), TSM-xxxNEG16M.25(II),

CERTIFICATE

No. Z2 070321 0149 Rev. 07

TSM-xxxNEG16M.07(II), TSM-xxxNEG16M.20(II), TSM-xxxNEG16M.27(II), TSM-xxxNEG16M.28(II), TSM-xxxNEG16M.29(II) (xxx=390-435, in steps of 5).

120 cells:

TSM-xxxNEG7M(II), TSM-xxxNEG7M.05(II), TSM-xxxNEG7M.25(II), TSM-xxxNEG7M.07(II), TSM-xxxNEG7M.20(II), TSM-xxxNEG7MC.27(II), TSM-xxxNEG7M.28(II), TSM-xxxNEG7M.29(II) (xxx=325-360, in steps of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG16MC(II), TSM-xxxNEG16MC.05(II), TSM-xxxNEG16MC.25(II), TSM-xxxNEG16MC.07(II), TSM-xxxNEG16MC.20(II), TSM-xxxNEG16MC.27(II), TSM-xxxNEG16MC.28(II), TSM-xxxNEG16MC.29(II) (xxx=390-415, in steps of 5).

120 cells:

TSM-xxxNEG7MC(II), TSM-xxxNEG7MC.05(II), TSM-xxxNEG7MC.25(II), TSM-xxxNEG7MC.07(II), TSM-xxxNEG7MC.20(II), TSM-xxxNEG7MC.27(II), TSM-xxxNEG7MC.28(II), TSM-xxxNEG7MC.29(II) (xxx=325-345, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxNEG18MC.20(II), TSM-xxxNEG18MC.25(II), TSM-xxxNEG18MC.27(II), TSM-xxxNEG18MC.28(II), TSM-xxxNEG18MC.29(II), TSM-xxxNEG18MC.30(II) (xxx=500-520, in steps of 5).

120 cells:

TSM-xxxNEG9C.20, TSM-xxxNEG9C.25, TSM-xxxNEG9C.27, TSM-xxxNEG9C.28, TSM-xxxNEG9C.29 (xxx=390-430, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

120 cells:

TSM-xxxNEG9.20, TSM-xxxNEG9.25, TSM-xxxNEG9.27, TSM-xxxNEG9.28, TSM-xxxNEG9.29 (xxx=390-430, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

120 cells:

TSM-xxxNEG20C.20, TSM-xxxNEG20C.25, TSM-xxxNEG20C.27, TSM-xxxNEG20C.28, TSM-xxxNEG20C.29 (xxx=580-630, in steps of 5).

110 cells:

TSM-xxxNEG19C.20, TSM-xxxNEG19C.25, TSM-xxxNEG19C.27, TSM-xxxNEG19C.28, TSM-xxxNEG19C.29 (xxx=530-570, in steps of 5).

132 cells:

TSM-xxxNEG21C.20, TSM-xxxNEG21C.25, TSM-xxxNEG21C.27, TSM-xxxNEG21C.28, TSM-xxxNEG21C.29 (xxx=635-700, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial

CERTIFICATE

No. Z2 070321 0149 Rev. 07

cell:

144 cells:

TSM-xxxNEG9RC.20, TSM-xxxNEG9RC.25,
TSM-xxxNEG9RC.28, TSM-xxxNEG9RC.27,
TSM-xxxNEG9RC.29, TSM-xxxNEG9RC.B0,
TSM-xxxNEG9RC.B5, TSM-xxxNEG9RC.B8,
TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
(xxx=375-450, in steps of 5).

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxNEG9R.20, TSM-xxxNEG9R.25,
TSM-xxxNEG9R.28, TSM-xxxNEG9R.27,
TSM-xxxNEG9R.29, TSM-xxxNEG9R.B0,
TSM-xxxNEG9R.B5, TSM-xxxNEG9R.B8,
TSM-xxxNEG9R.B7, TSM-xxxNEG9R.B9,
(xxx=375-450, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

132 cells:

TSM-xxxNEG19RC.20, TSM-xxxNEG19RC.25,
TSM-xxxNEG19RC.27, TSM-xxxNEG19RC.28,
TSM-xxxNEG19RC.29, (xxx=525-605, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

132 cells:

TSM-xxxNEG19R.20, TSM-xxxNEG19R.25,
TSM-xxxNEG19R.27, TSM-xxxNEG19R.28,
TSM-xxxNEG19R.29, (xxx=525-605, in steps of 5).

mono series with 182.0 x 91.0 (mm) half cutting N type MBB bifacial cell:

144 cells:

TSM-xxxNEG18C.20, TSM-xxxNEG18C.25,
TSM-xxxNEG18C.27, TSM-xxxNEG18C.28,
TSM-xxxNEG18C.29, (xxx=555-590, in steps of 5)

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell (for cells splicing technology):

156 cells:

TSM-xxxNEG15XC(II), TSM-xxxNEG15XC.05(II), TSM-xxxNEG15XC.25(II), TSM-xxxNEG15XC.07(II), TSM-xxxNEG15XC.20(II), TSM-xxxNEG15XC.27(II), TSM-xxxNEG15XC.28(II), TSM-xxxNEG15XC.29(II)
(xxx=425-445, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:

(Horizontal version: the long side of the cell is parallel to the long side of the module)

156 cells:

TSM-xxxHEG15XKC.203, TSM-xxxHEG15XKC.253,
TSM-xxxHEG15XKC.273, TSM-xxxHEG15XKC.283,
TSM-xxxHEG15XKC.293 (xxx=435-455, in steps of 5).

182 cells:

CERTIFICATE

No. Z2 070321 0149 Rev. 07

TSM-xxxHEG15YKC.20, TSM-xxxHEG15YKC.25,
TSM-xxxHEG15YKC.27, TSM-xxxHEG15YKC.28,
TSM-xxxHEG15YKC.29 (xxx=515-530, in steps of 5).

168 cells:

TSM-xxxHEG15VKC.20, TSM-xxxHEG15VKC.25,
TSM-xxxHEG15VKC.27, TSM-xxxHEG15VKC.28,
TSM-xxxHEG15VKC.29 (xxx=475-485, in steps of 5).

130 cells:

TSM-xxxHEG6XKC.20, TSM-xxxHEG6XKC.25,
TSM-xxxHEG6XKC.27, TSM-xxxHEG6XKC.28,
TSM-xxxHEG6XKC.29 (xxx=370-375, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

156 cells:

TSM-xxxHEG15XC.20, TSM-xxxHEG15XC.25,
TSM-xxxHEG15XC.27, TSM-xxxHEG15XC.28,
TSM-xxxHEG15XC.29 (xxx=440-460, in steps of 5).

144 cells:

TSM-xxxHEG15C.20, TSM-xxxHEG15C.25,
TSM-xxxHEG15C.27, TSM-xxxHEG15C.28,
TSM-xxxHEG15C.29 (xxx=410-425, in steps of 5).

120 cells:

TSM-xxxHEG6C.20, TSM-xxxHEG6C.25,
TSM-xxxHEG6C.27, TSM-xxxHEG6C.28,
TSM-xxxHEG6C.29 (xxx=340-350, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial HJT cell:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

132 cells:

TSM-xxxHEG21C.20, TSM-xxxHEG21C.25,
TSM-xxxHEG21C.27, TSM-xxxHEG21C.28,
TSM-xxxHEG21C.29 (xxx=640-685, in steps of 5).

120 cells:

TSM-xxxHEG20C.20, TSM-xxxHEG20C.25,
TSM-xxxHEG20C.27, TSM-xxxHEG20C.28,
TSM-xxxHEG20C.29 (xxx=585-620, in steps of 5).

110 cells:

TSM-xxxHEG19C.20, TSM-xxxHEG19C.25,
TSM-xxxHEG19C.27, TSM-xxxHEG19C.28,
TSM-xxxHEG19C.29 (xxx=530-565, in steps of 5).

mono series with 157 x 31.4 (mm) 1/5 cutting cells:

336 cells:

TSM-xxxDEG5ZV(II), TSM-xxxDEG5ZV.05(II), TSM-xxxDEG5ZV.07(II),
TSM-xxxDEG5ZV.40(II), TSM-xxxDEG5ZV.47(II) (xxx=305-330, in steps of 5).

poly series with 157 x 157 (mm) and 156 x 156 (mm) solar cells:

72 cells:

TSM-xxxPEG14, TSM-xxxPEG14.05, TSM-xxxPEG14.25, TSM-
xxxPEG14.07, TSM-xxxPEG14.20, TSM-xxxPEG14.27, TSM-
xxxPEG14.28, TSM-xxxPEG14.29, TSM-xxxPEG14.40, TSM-
xxxPEG14.47 (xxx=315-360, in steps of 5).
TSM-xxxPEG14(II), TSM-xxxPEG14.05(II), TSM-xxxPEG14.25(II),
TSM-xxxPEG14.07(II), TSM-xxxPEG14.20(II), TSM-xxxPEG14.27(II),
TSM-xxxPEG14.28(II), TSM-xxxPEG14.29(II), TSM-xxxPEG14.40(II),
TSM-xxxPEG14.47(II)

CERTIFICATE

No. Z2 070321 0149 Rev. 07

(xxx=315-360, in steps of 5).

60 cells:

TSM-xxxPEG5, TSM-xxxPEG5.05, TSM-xxxPEG5.25, TSM-xxxPEG5.07, TSM-xxxPEG5.20, TSM-xxxPEG5.27, TSM-xxxPEG5.28, TSM-xxxPEG5.29, TSM-xxxPEG5.40, TSM-xxxPEG5.47 (xxx=265-300, in steps of 5);

TSM-xxxPEG5(II), TSM-xxxPEG5.05(II), TSM-xxxPEG5.25(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.20(II), TSM-xxxPEG5.27(II), TSM-xxxPEG5.28(II), TSM-xxxPEG5.29(II), TSM-xxxPEG5.40(II), TSM-xxxPEG5.47(II) (xxx=265-300, in steps of 5).

poly series with 158.75 x 158.75 (mm) solar cells:

72 cells:

TSM-xxxPEG15, TSM-xxxPEG15.05, TSM-xxxPEG15.25, TSM-xxxPEG15.07, TSM-xxxPEG15.20, TSM-xxxPEG15.27, TSM-xxxPEG15.28, TSM-xxxPEG15.29, TSM-xxxPEG15.40, TSM-xxxPEG15.47 (xxx=315-360, in steps of 5).

TSM-xxxPEG15(II), TSM-xxxPEG15.05(II), TSM-xxxPEG15.25(II), TSM-xxxPEG15.07(II), TSM-xxxPEG15.20(II), TSM-xxxPEG15.27(II), TSM-xxxPEG15.28(II), TSM-xxxPEG15.29(II), TSM-xxxPEG15.40(II), TSM-xxxPEG15.47(II) (xxx=315-360, in steps of 5).

60 cells:

TSM-xxxPEG6, TSM-xxxPEG6.05, TSM-xxxPEG6.25, TSM-xxxPEG6.07, TSM-xxxPEG6.20, TSM-xxxPEG6.27, TSM-xxxPEG6.28, TSM-xxxPEG6.29, TSM-xxxPEG6.40, TSM-xxxPEG6.47 (xxx=265-300, in steps of 5);

TSM-xxxPEG6(II), TSM-xxxPEG6.05(II), TSM-xxxPEG6.25(II), TSM-xxxPEG6.07(II), TSM-xxxPEG6.20(II), TSM-xxxPEG6.27(II), TSM-xxxPEG6.28(II), TSM-xxxPEG6.29(II), TSM-xxxPEG6.40(II), TSM-xxxPEG6.47(II) (xxx=265-300, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting cell:

144 cells:

TSM-xxxPEG14H, TSM-xxxPEG14H.05, TSM-xxxPEG14H.25, TSM-xxxPEG14H.07, TSM-xxxPEG14H.20, TSM-xxxPEG14H.27, TSM-xxxPEG14H.28, TSM-xxxPEG14H.29, TSM-xxxPEG14H.40, TSM-xxxPEG14H.47 (xxx=330-360, in steps of 5).

TSM-xxxPEG14H(II), TSM-xxxPEG14H.05(II), TSM-xxxPEG14H.25(II), TSM-xxxPEG14H.07(II), TSM-xxxPEG14H.20(II), TSM-xxxPEG14H.27(II), TSM-xxxPEG14H.28(II), TSM-xxxPEG14H.29(II), TSM-xxxPEG14H.40(II), TSM-xxxPEG14H.47(II) (xxx=330-360, in steps of 5).

(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5H, TSM-xxxPEG5H.05, TSM-xxxPEG5H.25, TSM-xxxPEG5H.07, TSM-xxxPEG5H.20, TSM-xxxPEG5H.27, TSM-xxxPEG5H.28, TSM-xxxPEG5H.29, TSM-xxxPEG5H.40, TSM-xxxPEG5H.47 (xxx=275-300, in steps of 5).

TSM-xxxPEG5H(II), TSM-xxxPEG5H.05(II), TSM-xxxPEG5H.25(II), TSM-xxxPEG5H.07(II), TSM-xxxPEG5H.20(II), TSM-xxxPEG5H.27(II), TSM-xxxPEG5H.28(II), TSM-xxxPEG5H.29(II), TSM-xxxPEG5H.40(II), TSM-xxxPEG5H.47(II) (xxx=275-300, in steps of 5).

(xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting cell:

144 cells:

TSM-xxxPEG15H, TSM-xxxPEG15H.05, TSM-xxxPEG15H.25, TSM-xxxPEG15H.07, TSM-xxxPEG15H.20, TSM-xxxPEG15H.27, TSM-xxxPEG15H.28, TSM-xxxPEG15H.29, TSM-xxxPEG15H.40, TSM-xxxPEG15H.47 (xxx=340-360, in steps of 5);

TSM-xxxPEG15H(II), TSM-xxxPEG15H.05(II), TSM-xxxPEG15H.25(II), TSM-xxxPEG15H.07(II), TSM-xxxPEG15H.20(II), TSM-

CERTIFICATE

No. Z2 070321 0149 Rev. 07

xxxPEG15H.27(II),
TSM-xxxPEG15H.28(II), TSM-xxxPEG15H.29(II), TSM-
xxxPEG15H.40(II), TSM-xxxPEG15H.47(II)
(xxx=340-400, in steps of 5).

120 cells:

TSM-xxxPEG6H, TSM-xxxPEG6H.05, TSM-xxxPEG6H.25, TSM-
xxxPEG6H.07, TSM-xxxPEG6H.20, TSM-xxxPEG6H.27, TSM-
xxxPEG6H.28, TSM-xxxPEG6H.29, TSM-xxxPEG6H.40, TSM-
xxxPEG6H.47 (xxx=280-300, in steps of 5);
TSM-xxxPEG6H(II), TSM-xxxPEG6H.05(II), TSM-xxxPEG6H.25(II),
TSM-xxxPEG6H.07(II), TSM-xxxPEG6H.20(II), TSM-xxxPEG6H.27(II),
TSM-xxxPEG6H.28(II), TSM-xxxPEG6H.29(II), TSM-xxxPEG6H.40(II),
TSM-xxxPEG6H.47(II), (xxx=280-330, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG14M(II), TSM-xxxPEG14M.05(II), TSM-xxxPEG14M.25(II),
TSM-xxxPEG14M.07(II), TSM-xxxPEG14M.20(II), TSM-
xxxPEG14M.27(II), TSM-xxxPEG14M.28(II), TSM-xxxPEG14M.29(II),
TSM-xxxPEG14M.40(II), TSM-xxxPEG14M.47(II)
(xxx=330-360, in steps of 5).

120 cells:

TSM-xxxPEG5M(II), TSM-xxxPEG5M.05(II), TSM-xxxPEG5M.25(II),
TSM-xxxPEG5M.07(II), TSM-xxxPEG5M.20(II), TSM-xxxPEG5M.27(II),
TSM-xxxPEG5M.28(II), TSM-xxxPEG5M.29(II), TSM-xxxPEG5M.40(II),
TSM-xxxPEG5M.47(II) (xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG15M(II), TSM-xxxPEG15M.05(II), TSM-xxxPEG15M.25(II),
TSM-xxxPEG15M.07(II), TSM-xxxPEG15M.20(II), TSM-
xxxPEG15M.27(II), TSM-xxxPEG15M.28(II), TSM-xxxPEG15M.29(II),
TSM-xxxPEG15M.40(II), TSM-xxxPEG15M.47(II)
(xxx=340-405, in steps of 5).

120 cells:

TSM-xxxPEG6M(II), TSM-xxxPEG6M.05(II), TSM-xxxPEG6M.25(II),
TSM-xxxPEG6M.07(II), TSM-xxxPEG6M.20(II), TSM-xxxPEG6M.27(II),
TSM-xxxPEG6M.28(II), TSM-xxxPEG6M.29(II), TSM-xxxPEG6M.40(II),
TSM-xxxPEG6M.47(II) (xxx=280-335, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:

144 cells:

TSM-xxxPEG17MC(II), TSM-xxxPEG17MC.05(II),
TSM-xxxPEG17MC.25(II), TSM-xxxPEG17MC.07(II),
TSM-xxxPEG17MC.20(II), TSM-xxxPEG17MC.27(II),
TSM-xxxPEG17MC.28(II), TSM-xxxPEG17MC.29(II)
(xxx=410-445, in steps of 5).

120 cells:

TSM-xxxPEG8MC(II), TSM-xxxPEG8MC.05(II), TSM-xxxPEG8MC.25(II),
TSM-xxxPEG8MC.07(II), TSM-xxxPEG8MC.20(II), TSM-
xxxPEG8MC.27(II), TSM-xxxPEG8MC.28(II), TSM-xxxPEG8MC.29(II)
(xxx=350-365, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxPEG17M(II), TSM-xxxPEG17M.05(II), TSM-xxxPEG17M.25(II),
TSM-xxxPEG17M.07(II), TSM-xxxPEG17M.20(II), TSM-
xxxPEG17M.27(II), TSM-xxxPEG17M.28(II), TSM-xxxPEG17M.29(II)
(xxx=410-445, in steps of 5).

120 cells:

TSM-xxxPEG8M(II), TSM-xxxPEG8M.05(II), TSM-xxxPEG8M.25(II),

CERTIFICATE

No. Z2 070321 0149 Rev. 07

TSM-xxxPEG8M.07(II), TSM-xxxPEG8M.20(II), TSM-xxxPEG8M.27(II),
TSM-xxxPEG8M.28(II), TSM-xxxPEG8M.29(II) (xxx=350-365, in steps
of 5).

poly series with 157 x 31.4 (mm) 1/5 cutting cells:

336 cells:

TSM-xxxPEG5ZV, TSM-xxxPEG5ZV.05, TSM-xxxPEG5ZV.07,
TSM-xxxPEG5ZV.40, TSM-xxxPEG5ZV.47

(xxx=280-300, in steps of 5).

xxx stands for rated output power at STC

Smart PV modules:

(Module Type with junction box TSD301xy)

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG21C.20S (xxx=625-675, in steps of 5)

120 cells:

TSM-xxxDEG20C.20S (xxx=570-605, in steps of 5)

110 cells:

TSM-xxxDEG19C.20S (xxx=525-555, in steps of 5)

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:

132 cells:

TSM-xxxDEG19RC.20S (xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

144 cells:

TSM-xxxDEG9RC.B7S (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxDEG9R.B0S, TSM-xxxDEG9R.B8S

(xxx=395-435, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

150 cells:

TSM-xxxDEG18MC.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:

(Module Type for rear side with white EVA or Glass white)

150 cells:

TSM-xxxDEG18M.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial
cell:

132 cells:

TSM-xxxNEG21C.20S (xxx=635-690, in steps of 5)

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial
cell:

132 cells:

TSM-xxxNEG19RC.20S (xxx=565-595, in steps of 5)

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial
cell:

(Module Type for rear side with white EVA or Glass white)

144 cells:

TSM-xxxNEG9R.20S, TSM-xxxNEG9R.28S

(xxx=395-445, in steps of 5)

xxx stands for rated output power at STC



CERTIFICATE

No. Z2 070321 0149 Rev. 07



CERTIFICATE

No. Z2 070321 0149 Rev. 07

Parameters:

Construction:	Framed or Frameless with Junction box,cable and connector.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Test method of Salt mist :	Test method 6

Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
IEC 61701:2020

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Trina Solar Co., Ltd.

No. 2, Tianhe Road, Trina PV Industrial Park, New District
Changzhou City, Jiangsu Province, 213031
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules



Valid from: 2023-05-24

Valid until: 2024-02-26

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	P12.4-AA-04 Rev. 00a (IEC 60068-2-68:1994 modified)
Remark:	Test Method Lc1 or Lc2; See CDF in annex 1 of test report for details of applied test method, dust concentration, wind velocity and test duration
Registered No.:	44 780 19 406749 - 364R23A22M26
Manufacturer:	see Annex 1
Test Report No.:	492011172.034
File No.:	PVP11128/22P



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Certification Body
Consumer Products



Essen, 2023-05-24

Please also pay attention to the information stated overleaf.

Manufacturer:

- Manufacturer 1: **Trina Solar Co., Ltd.**
No. 2, Tianhe Road, Trina PV Industrial Park, New District
Changzhou City, Jiangsu Province, 213031, P.R. China
Factory inspection report no.: 862010341.006
- Manufacturer 2: **Yancheng Trina Solar Guoneng Science & Technology Co., Ltd.**
No. 101, Wutaishan Road, Yancheng Economic Technological
Development Zone, Yancheng City, Jiangsu Province, P. R. China
Factory inspection report no.: 862010342.006
- Manufacturer 3: **Trina Solar (Suqian) Technology Co., Ltd.**
1599 Guangzhou Road, Suqian Economic and Technological Development
Zone, Jiangsu Province, P.R.China
Factory inspection report no.: 862010453.004
- Manufacturer 4: **Shandong Ronma Solar Co., Ltd.**
Room 206, No.79 Huaihe Road, Dongying Zone,
Dongying City, Shandong Province, China
Factory inspection report no.: 862010489.003
- Manufacturer 5: **Trina Solar Yiwu technology Co., Ltd.**
No. 801, Longqi Road, Suxi Town, 322009 Yiwu City
Zhejiang, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.: 862010514.003
- Manufacturer 6: **Trina Solar Energy Development Company Limited**
Lot CN-14, Yen Binh Industrial Zone, Hong Tien Ward, Pho Yen City, Thai
Nguyen Province, Vietnam
Factory inspection report no.: 862010545.003
- Manufacturer 7: **Trina Solar (Yancheng Dafeng) Co., Ltd.**
No. 19, Tonggang Avenue, Dafeng Port District, Yancheng City
Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.: 862010569.002



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Manufacturer 8:	Jiangsu Huapeng Photovoltaic Technology Co., Ltd. No. 118, Jingang Road, Yangzhou economic and Technological Development Zone 225100 Yangzhou City, Jiangsu Province, PEOPLE'S RE-PUBLIC OF CHINA
Factory inspection report no.:	862010598.002
Manufacturer 9:	Jiangsu Jinko Day Sheng Solar Co., Ltd. No. 228 Yuesheng North Road, Industry Center, Fanshui Town, Baoying County, 225819 Yangzhou City Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010599.003
Manufacturer 10:	Trina Solar Science & Technology (Thailand) Ltd. No. 7/496 Moo.6 Tambol Mabyangporn, Amphur Pluakdaeng, Rayong Province 21140, Thailand
Factory inspection report no.:	862010349.007
Manufacturer 11:	Inner Mongolia Tiansheng New Technology Co., Ltd. New Energy Technology Industrial Base, Dalu Industrial Park, Zhungeer Economic Development Zone, Zhungeer Banner Ordos City, Inner Mongolia Autonomous Region, P.R. China
Factory inspection report no.:	862010680.001
Manufacturer 12:	Trina Solar (Yancheng) New En-ergy Co., Ltd. Room 201, Comprehensive Building, No. 66, Jiuhuashan Road, Yancheng Economic and Technological Development Zone Yancheng City, Jiangsu Province, P.R. China
Factory inspection report no.:	862010711.001
Manufacturer 13:	Lianyungang Shenzhou New Energy Co., Ltd. No.8 Xiamen Road, Ganyu Economic Development Zone, Lianyungang, Jiangsu 222100, P.R. China
Factory inspection report no.:	862010755.001



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Certification Body
Consumer Products

Manufacturer 14:	Zhejiang Winhi New Energy Co., Ltd. Tonggang 1st Road, Dinghai District, Zhoushan City, Zhejiang Province, China
Factory inspection report no.:	862010756.001
Manufacturer 15:	Zhejiang Beyondsun Green Energy Technology Co., Ltd. No.888 Zhili Section of G318 Zhili Town, Huzhou City, Zhejiang Province, China
Factory inspection report no.:	862010757.001
Manufacturer 16:	Anhui Guosheng New Energy Technology Co., Ltd. No. 8 Kaixing Road, Qinglongshan Industrial Park Lieshan District 235025 Huaibei City, Anhui Province PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010758.001
Manufacturer 17:	Jiangsu Zhongqing Photovoltaic Technology Co., Ltd. No. 26, north of Taishan Road, Xinyi High-tech Zone, Xinyi City, Jiangsu Province, P.R. China
Factory inspection report no.:	862010759.001
Manufacturer 18:	Trina Solar (Huai an) Technology Co., Ltd. No. 189, Shenzhen East Road, Huai'an Economic and Technological Development Zone, Jiangsu Province, P.R. China
Factory inspection report no.:	862010760.001
Manufacturer 19:	Trina Solar (Qinghai) Technology Co., Ltd. Zone II, No.17, Planning Fifth Road, Shangxinzhuang Town, Huangzhong District, Xining city, Qinghai Province, P.R. China
Factory inspection report no.:	862010761.001



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Manufacturer 20: **Yancheng Runda PV Co., Ltd.**
No. 199, Yanqiao Road, Jianhu County, Jiangsu Province, P.R. China

Factory inspection report no.: **862010762.001**

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.



TÜV NORD CERT GmbH
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Consumer Products

Description of product(s):

Module types:

Double Glass PV Modules with Mono-crystalline Silicon Solar Cells:

336 1/5-cut cells: TSM-xxxDEG5ZV(II) (xxx = 290 - 350, in increments of 5)

336 1/5-cut cells: TSM-xxxDEG5ZV.05(II) (xxx = 290 - 350, in increments of 5)

336 1/5-cut cells: TSM-xxxDEG5ZV.07(II) (xxx = 290 - 350, in increments of 5)

336 1/5-cut cells: TSM-xxxDEG5ZV.40(II) (xxx = 290 - 350, in increments of 5)

336 1/5-cut cells: TSM-xxxDEG5ZV.47(II) (xxx = 290 - 350, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV(II) (xxx = 120 - 140, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV.05(II) (xxx = 120 - 140, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV.07(II) (xxx = 120-140, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV.40(II) (xxx = 120-140, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV.47(II) (xxx = 120-140, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.05(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.07(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.20(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.25(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.27(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.28(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.29(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.40(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.47(II) (xxx = 345 - 415, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxDEG14HC(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.05(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.07(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.20(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.25(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.27(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.28(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.29(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.05(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.07(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.20(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.25(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.27(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.28(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.29(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HMC.20(II) (xxx = 335 - 395 in increments of 5)

144 half-cut cells: TSM-xxxDEG15H(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.05(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.07(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.20(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.25(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.27(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG15H.28(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG15H.29(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG15H.40(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG15H.47(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG15HC(II) (xxx = 335 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDEG15HC.05(II) (xxx = 335 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDEG15HC.07(II) (xxx = 335 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDEG15HC.20(II) (xxx = 335 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDEG15HC.25(II) (xxx = 335 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDEG15HC.27(II) (xxx = 335 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDEG15HC.28(II) (xxx = 335 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDEG15HC.29(II) (xxx = 335 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDEG15MC(II) (xxx = 350 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDEG15MC.05(II) (xxx = 350 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDEG15MC.07(II) (xxx = 350 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDEG15MC.20(II) (xxx = 350 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDEG15MC.25(II) (xxx = 350 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDEG15MC.27(II) (xxx = 350 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDEG15MC.28(II) (xxx = 350 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDEG15MC.29(II) (xxx = 350 - 425, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H(II) (xxx = 285 - 345, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxDEG5H.05(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H.07(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H.20(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H.25(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H.27(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H.28(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H.29(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H.40(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5H.47(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5HC(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5HC.05(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5HC.07(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5HC.20(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5HC.25(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5HC.27(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5HC.28(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5HC.29(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5MC(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5MC.05(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5MC.07(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5MC.20(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5MC.25(II) (xxx = 275 - 330, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxDEG5MC.27(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5MC.28(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG5MC.29(II) (xxx = 275 - 330, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.05(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.07(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.20(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.25(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.27(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.28(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.29(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.40(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6H.47(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6HC(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDEG6HC.05(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDEG6HC.07(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDEG6HC.20(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDEG6HC.25(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDEG6HC.27(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDEG6HC.28(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDEG6HC.29(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDEG6MC(II) (xxx = 295 - 350, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxDEG6MC.05(II) (xxx = 295 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDEG6MC.07(II) (xxx = 295 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDEG6MC.20(II) (xxx = 295 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDEG6MC.25(II) (xxx = 295 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDEG6MC.27(II) (xxx = 295 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDEG6MC.28(II) (xxx = 295 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDEG6MC.29(II) (xxx = 295 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDEG20C.20 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20C.20W (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20C.20S (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20C.25 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20C.27 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20C.28 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20C.29 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20C.28W (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20.20 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20.25 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20.27 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20.28 (xxx = 575 - 605, in increments of 5)
120 half-cut cells: TSM-xxxDEG20.29 (xxx = 575 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDEG21C.20 (xxx = 625 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDEG21C.25 (xxx = 625 - 675, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

132 half-cut cells: TSM-xxxDEG21C.27 (xxx = 625 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDEG21C.28 (xxx = 625 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDEG21C.29 (xxx = 625 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDEG21C.20W (xxx = 625 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDEG21C.20S (xxx = 625 - 675, in increments of 5)
110 half-cut cells: TSM-xxxDEG19C.20 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19C.20W (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19C.20S (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19C.25 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19C.27 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19C.28 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19C.29 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19.20 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19.25 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19.27 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19.28 (xxx = 525 - 555, in increments of 5)
110 half-cut cells: TSM-xxxDEG19.29 (xxx = 525 - 555, in increments of 5)
144 half-cut cells: TSM-xxxDEG18C.20 (xxx = 520 - 555, in increments of 5)
144 half-cut cells: TSM-xxxDEG18C.20W (xxx = 520 - 555, in increments of 5)
144 half-cut cells: TSM-xxxDEG18C.25 (xxx = 520 - 555, in increments of 5)
144 half-cut cells: TSM-xxxDEG18C.27 (xxx = 520 - 555, in increments of 5)
144 half-cut cells: TSM-xxxDEG18C.28 (xxx = 520 - 555, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxDEG18C.29 (xxx = 520 - 555, in increments of 5)
120 half-cut cells: TSM-xxxDEG10C.20 (xxx = 425 - 450, in increments of 5)
120 half-cut cells: TSM-xxxDEG10C.25 (xxx = 425 - 450, in increments of 5)
120 half-cut cells: TSM-xxxDEG10C.27 (xxx = 425 - 450, in increments of 5)
120 half-cut cells: TSM-xxxDEG10C.28 (xxx = 425 - 450, in increments of 5)
120 half-cut cells: TSM-xxxDEG10C.29 (xxx = 425 - 450, in increments of 5)
144 half-cut cells: TSM-xxxDEG18.20 (xxx = 520 - 550, in increments of 5)
144 half-cut cells: TSM-xxxDEG18.25 (xxx = 520 - 550, in increments of 5)
144 half-cut cells: TSM-xxxDEG18.27 (xxx = 520 - 550, in increments of 5)
144 half-cut cells: TSM-xxxDEG18.28 (xxx = 520 - 550, in increments of 5)
144 half-cut cells: TSM-xxxDEG18.29 (xxx = 520 - 550, in increments of 5)
120 half-cut cells: TSM-xxxDEG10.20 (xxx = 425 - 450, in increments of 5)
120 half-cut cells: TSM-xxxDEG10.25 (xxx = 425 - 450, in increments of 5)
120 half-cut cells: TSM-xxxDEG10.27 (xxx = 425 - 450, in increments of 5)
120 half-cut cells: TSM-xxxDEG10.28 (xxx = 425 - 450, in increments of 5)
120 half-cut cells: TSM-xxxDEG10.29 (xxx = 425 - 450, in increments of 5)
72 cells: TSM-xxxDEG14(II) (xxx = 325 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.05(II) (xxx = 325 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.07(II) (xxx = 325 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.40(II) (xxx = 325 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.47(II) (xxx = 325 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.20(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.25(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.27(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.28(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG14.29(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG14C(II) (xxx = 335 - 395, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

72 cells: TSM-xxxDEG14C.05(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG14C.07(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG14C.20(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG14C.25(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG14C.27(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG14C.28(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG14C.29(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG15(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.05(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.07(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.20(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.25(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.27(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.28(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.29(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.40(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15.47(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDEG15C(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG15C.05(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG15C.07(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG15C.20(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG15C.25(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG15C.27(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG15C.28(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxDEG15C.29(II) (xxx = 335 - 395, in increments of 5)
72 cells: TSM-xxxNEG14C(II) (xxx = 335 - 390, in increments of 5)
72 cells: TSM-xxxNEG14C.05(II) (xxx = 335 - 390, in increments of 5)
72 cells: TSM-xxxNEG14C.07(II) (xxx = 335 - 390, in increments of 5)
72 cells: TSM-xxxNEG14C.20(II) (xxx = 335 - 390, in increments of 5)
72 cells: TSM-xxxNEG14C.25(II) (xxx = 335 - 390, in increments of 5)
72 cells: TSM-xxxNEG14C.27(II) (xxx = 335 - 390, in increments of 5)
72 cells: TSM-xxxNEG14C.28(II) (xxx = 335 - 390, in increments of 5)
72 cells: TSM-xxxNEG14C.29(II) (xxx = 335 - 390, in increments of 5)
72 cells: TSM-xxxNEG15C(II) (xxx = 350 - 370, in increments of 5)
72 cells: TSM-xxxNEG15C.05(II) (xxx = 350 - 370, in increments of 5)
72 cells: TSM-xxxNEG15C.07(II) (xxx = 350 - 370, in increments of 5)
72 cells: TSM-xxxNEG15C.20(II) (xxx = 350 - 370, in increments of 5)
72 cells: TSM-xxxNEG15C.25(II) (xxx = 350 - 370, in increments of 5)
72 cells: TSM-xxxNEG15C.27(II) (xxx = 350 - 370, in increments of 5)
72 cells: TSM-xxxNEG15C.28(II) (xxx = 350 - 370, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

72 cells: TSM-xxxNEG15C.29(II) (xxx = 350 - 370, in increments of 5)
72 cells: TSM-xxxNEG16C(II) (xxx = 350 - 410, in increments of 5)
72 cells: TSM-xxxNEG16C.05(II) (xxx = 350 - 410, in increments of 5)
72 cells: TSM-xxxNEG16C.07(II) (xxx = 350 - 410, in increments of 5)
72 cells: TSM-xxxNEG16C.20(II) (xxx = 350 - 410, in increments of 5)
72 cells: TSM-xxxNEG16C.25(II) (xxx = 350 - 410, in increments of 5)
72 cells: TSM-xxxNEG16C.27(II) (xxx = 350 - 410, in increments of 5)
72 cells: TSM-xxxNEG16C.28(II) (xxx = 350 - 410, in increments of 5)
72 cells: TSM-xxxNEG16C.29(II) (xxx = 350 - 410, in increments of 5)
144 half-cut cells: TSM-xxxNEG14MC(II) (xxx = 350-380, in increments of 5)
144 half-cut cells: TSM-xxxNEG14MC.05(II) (xxx = 350 - 380, in increments of 5)
144 half-cut cells: TSM-xxxNEG14MC.25(II) (xxx = 350 - 380, in increments of 5)
144 half-cut cells: TSM-xxxNEG14MC.07(II) (xxx = 350 - 380, in increments of 5)
144 half-cut cells: TSM-xxxNEG14MC.20(II) (xxx = 350 - 380, in increments of 5)
144 half-cut cells: TSM-xxxNEG14MC.27(II) (xxx = 350 - 380, in increments of 5)
144 half-cut cells: TSM-xxxNEG14MC.28(II) (xxx = 350 - 380, in increments of 5)
144 half-cut cells: TSM-xxxNEG14MC.29(II) (xxx = 350 - 380, in increments of 5)
144 half-cut cells: TSM-xxxNEG15MC(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15MC.05(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15MC.25(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15MC.07(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15MC.20(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15MC.27(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15MC.28(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15MC.29(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG16MC(II) (xxx = 390 - 435, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxNEG16MC.05(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16MC.25(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16MC.07(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16MC.20(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16MC.27(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16MC.28(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16MC.29(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16M(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16M.05(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16M.25(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16M.07(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16M.20(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16M.27(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16M.28(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG16M.29(II) (xxx = 390 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNEG15M(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15M.05(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15M.25(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15M.07(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15M.20(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15M.27(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxNEG15M.28(II) (xxx = 350 - 420, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxNEG15M.29(II) (xxx = 350 - 420, in increments of 5)
120 half-cut cells: TSM-xxxNEG20C.20 (xxx = 580 - 625, in increments of 5)
120 half-cut cells: TSM-xxxNEG20C.25 (xxx = 580 - 625, in increments of 5)
120 half-cut cells: TSM-xxxNEG20C.27 (xxx = 580 - 625, in increments of 5)
120 half-cut cells: TSM-xxxNEG20C.28 (xxx = 580 - 625, in increments of 5)
120 half-cut cells: TSM-xxxNEG20C.29 (xxx = 580 - 625, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9C.20 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9C.25 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9C.27 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9C.28 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9C.29 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9.20 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9.25 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9.27 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9.28 (xxx = 400 - 430, in increments of 5)
120 1/3-cut cells: TSM-xxxNEG9.29 (xxx = 400 - 430, in increments of 5)
110 half-cut cells: TSM-xxxNEG19C.20 (xxx = 530 - 570, in increments of 5)
110 half-cut cells: TSM-xxxNEG19C.25 (xxx = 530 - 570, in increments of 5)
110 half-cut cells: TSM-xxxNEG19C.27 (xxx = 530 - 570, in increments of 5)
110 half-cut cells: TSM-xxxNEG19C.29 (xxx = 530 - 570, in increments of 5)
110 half-cut cells: TSM-xxxNEG19C.28 (xxx = 530 - 570, in increments of 5)
132 half-cut cells: TSM-xxxNEG21C.20 (xxx = 635 - 690, in increments of 5)
132 half-cut cells: TSM-xxxNEG21C.20S (xxx = 635 - 690, in increments of 5)
132 half-cut cells: TSM-xxxNEG21C.25 (xxx = 635 - 690, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

132 half-cut cells: TSM-xxxNEG21C.27 (xxx = 635 - 690, in increments of 5)
132 half-cut cells: TSM-xxxNEG21C.28 (xxx = 635 - 690, in increments of 5)
132 half-cut cells: TSM-xxxNEG21C.29 (xxx = 635 - 690, in increments of 5)
132 half-cut cells: TSM-xxxHEG21C.20 (xxx = 640 - 685, in increments of 5)
132 half-cut cells: TSM-xxxHEG21C.25 (xxx = 640 - 685, in increments of 5)
132 half-cut cells: TSM-xxxHEG21C.27 (xxx = 640 - 685, in increments of 5)
132 half-cut cells: TSM-xxxHEG21C.28 (xxx = 640 - 685, in increments of 5)
132 half-cut cells: TSM-xxxHEG21C.29 (xxx = 640 - 685, in increments of 5)
120 half-cut cells: TSM-xxxHEG20C.20 (xxx = 585 - 620, in increments of 5)
120 half-cut cells: TSM-xxxHEG20C.25 (xxx = 585 - 620, in increments of 5)
120 half-cut cells: TSM-xxxHEG20C.27 (xxx = 585 - 620, in increments of 5)
120 half-cut cells: TSM-xxxHEG20C.28 (xxx = 585 - 620, in increments of 5)
120 half-cut cells: TSM-xxxHEG20C.29 (xxx = 585 - 620, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.20 (xxx = 530 - 565, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.25 (xxx = 530 - 565, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.27 (xxx = 530 - 565, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.28 (xxx = 530 - 565, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.28 (xxx = 530 - 565, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.20 (xxx = 305 - 330, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.25 (xxx = 305 - 330, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.27 (xxx = 305 - 330, in increments of 5)
110 half-cut cells: TSM-xxxHEG19C.28 (xxx = 305 - 330, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

110 half-cut cells: TSM-xxxHEG19C.28 (xxx = 305 - 330, in increments of 5)
144 half-cut cells: TSM-xxxDEG14M(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG14M.05(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG14M.07(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG14M.20 (II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG14M.25(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG14M.27(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG14M.28(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG14M.29(II) (xxx = 345 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.05(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.07(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.20(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.25(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.27(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.28(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.29(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.40(II) (xxx = 350 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDEG15M.47(II) (xxx = 350 - 420, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.20 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.20S (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.25 (xxx = 395 - 445, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 1/3 cut cells: TSM-xxxNEG9R.28 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.28S (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.27 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.29 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B0 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B5 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B8 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B7 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B9 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.20 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.25 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.28 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.29 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.27 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.B0 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.B5 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.B8 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.B7 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9RC.B9 (xxx = 395 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B0 (xxx = 410 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B5 (xxx = 410 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B8 (xxx = 410 - 445, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 1/3 cut cells: TSM-xxxNEG9R.B7(xxx = 410 - 445, in increments of 5)
144 1/3 cut cells: TSM-xxxNEG9R.B9 (xxx = 410 - 445, in increments of 5)
252 half-cut cells: TSM-xxxDEG15VC.20(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDEG15VC.25(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDEG15VC.27(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDEG15VC.28(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDEG15VC.29(II) (xxx = 465-490, in increments of 5)
60 cells: TSM-xxxDEG5(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.05(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.07(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.40(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.47(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.50(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.20(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.25(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.27(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.28(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG5.29(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG5C(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG5C.05(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG5C.07(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG5C.20(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG5C.25(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG5C.27(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG5C.28(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG5C.29(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG6(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG6.05(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG6.07(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG6.40(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG6.47(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDEG6.20(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG6.25(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG6.27(II) (xxx = 275 - 325, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

60 cells: TSM-xxxDEG6.28(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG6.29(II) (xxx = 275 - 325, in increments of 5)
60 cells: TSM-xxxDEG6C(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG6C.05(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG6C.07(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG6C.20(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG6C.25(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG6C.27(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG6C.28(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxDEG6C.29(II) (xxx = 275 - 330, in increments of 5)
60 cells: TSM-xxxNEG5C(II) (xxx = 280 - 320, in increments of 5)
60 cells: TSM-xxxNEG5C.05(II) (xxx = 280-320, in increments of 5)
60 cells: TSM-xxxNEG5C.07(II) (xxx = 280-320, in increments of 5)
60 cells: TSM-xxxNEG5C.20(II) (xxx = 280-320, in increments of 5)
60 cells: TSM-xxxNEG5C.25(II) (xxx = 280-320, in increments of 5)
60 cells: TSM-xxxNEG5C.27(II) (xxx = 280-320, in increments of 5)
60 cells: TSM-xxxNEG5C.28(II) (xxx = 280-320, in increments of 5)
60 cells: TSM-xxxNEG5C.29(II) (xxx = 280-320, in increments of 5)
60 cells: TSM-xxxNEG6C(II) (xxx = 295 - 305, in increments of 5)
60 cells: TSM-xxxNEG6C.05(II) (xxx = 295 - 305, in increments of 5)
60 cells: TSM-xxxNEG6C.07(II) (xxx = 295 - 305, in increments of 5)
60 cells: TSM-xxxNEG6C.20(II) (xxx = 295 - 305, in increments of 5)
60 cells: TSM-xxxNEG6C.25(II) (xxx = 295 - 305, in increments of 5)
60 cells: TSM-xxxNEG6C.27(II) (xxx = 295 - 305, in increments of 5)
60 cells: TSM-xxxNEG6C.28(II) (xxx = 295 - 305, in increments of 5)
60 cells: TSM-xxxNEG6C.29(II) (xxx = 295 - 305, in increments of 5)
60 cells: TSM-xxxNEG7C(II) (xxx = 295 - 340, in increments of 5)
60 cells: TSM-xxxNEG7C.05(II) (xxx = 295 - 340, in increments of 5)
60 cells: TSM-xxxNEG7C.07(II) (xxx = 295 - 340, in increments of 5)
60 cells: TSM-xxxNEG7C.20(II) (xxx = 295 - 340, in increments of 5)
60 cells: TSM-xxxNEG7C.25(II) (xxx = 295 - 340, in increments of 5)
60 cells: TSM-xxxNEG7C.27(II) (xxx = 295 - 340, in increments of 5)
60 cells: TSM-xxxNEG7C.28(II) (xxx = 295 - 340, in increments of 5)
60 cells: TSM-xxxNEG7C.29(II) (xxx = 295 - 340, in increments of 5)
120 half-cut cells: TSM-xxxNEG5MC(II) (xxx = 295 - 315, in increments of 5)
120 half-cut cells: TSM-xxxNEG5MC.05(II) (xxx = 295 - 315, in increments of 5)
120 half-cut cells: TSM-xxxNEG5MC.07(II) (xxx = 295 - 315, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxNEG5MC.20(II) (xxx = 295 - 315, in increments of 5)
120 half-cut cells: TSM-xxxNEG5MC.25(II) (xxx = 295 - 315, in increments of 5)
120 half-cut cells: TSM-xxxNEG5MC.27(II) (xxx = 295 - 315, in increments of 5)
120 half-cut cells: TSM-xxxNEG5MC.28(II) (xxx = 295 - 315, in increments of 5)
120 half-cut cells: TSM-xxxNEG5MC.29(II) (xxx = 295 - 315, in increments of 5)
120 half-cut cells: TSM-xxxNEG6MC(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6MC.05(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6MC.07(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6MC.20(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6MC.25(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6MC.27(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6MC.28(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6MC.29(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG7MC(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7MC.05(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7MC.07(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7MC.20(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7MC.25(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7MC.27(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7MC.28(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7MC.29(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7M(II) (xxx = 325 - 360, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxNEG7M.05(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7M.07(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7M.20(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7M.25(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7M.27(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7M.28(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG7M.29(II) (xxx = 325 - 360, in increments of 5)
120 half-cut cells: TSM-xxxNEG6M(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6M.05(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6M.25(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6M.07(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6M.20(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6M.27(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6M.28(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxNEG6M.29(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5M(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5M.05(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5M.07(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5M.20(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5M.25(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5M.27(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG5M.28(II) (xxx = 285 - 345, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxDEG5M.29(II) (xxx = 285 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.05(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.07(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.40(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.47(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.20(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.25(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.27(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.28(II) (xxx = 295 - 345, in increments of 5)
120 half-cut cells: TSM-xxxDEG6M.29(II) (xxx = 295 - 345, in increments of 5)
40 cells: TSM-xxxDEG40(II) (xxx = 180 - 200, in increments of 5)
40 cells: TSM-xxxDEG40.07(II) (xxx = 180 - 200, in increments of 5)
40 cells: TSM-xxxDEG40.40(II) (xxx = 180 - 200, in increments of 5)
40 cells: TSM-xxxDEG40.47(II) (xxx = 180 - 200, in increments of 5)
40 cells: TSM-xxxDEG40.50(II) (xxx = 180 - 200, in increments of 5)
144 half-cut cells: TSM-xxxDEG17M(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17M.07(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17M.25(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17M.20(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17M.27(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17M.28(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17M.29(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17M.40(II) (xxx = 425 - 460, in increments of 5)

144 half-cut cells: TSM-xxxDEG17M.47(II) (xxx = 425 - 460, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M(II) (xxx = 460 - 500, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M.05(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M.25(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M.07(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M.20(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M.27(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M.28(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M.29(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18M.20S(II) (xxx = 460 - 510, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.05(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.25(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.07(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.20(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.27(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.28(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.29(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.40(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8M.47(II) (xxx = 355 - 380, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9.20 (xxx = 370 - 405, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9.25 (xxx = 370 - 405, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9.27 (xxx = 370 - 405, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9.28 (xxx = 370 - 405, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 1/3-cut cells: TSM-xxxDEG9.29 (xxx = 370 - 405, in increments of 5)
144 half-cut cells: TSM-xxxDEG17MC(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17MC.05(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17MC.25(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17MC.07(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17MC.20(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17MC.27(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17MC.28(II) (xxx = 425 - 460, in increments of 5)
144 half-cut cells: TSM-xxxDEG17MC.29(II) (xxx = 425 - 460, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.05(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.25(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.07(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.20(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.20W(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.20S(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.27(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.28(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxDEG18MC.29(II) (xxx = 460 - 510, in increments of 5)
150 half-cut cells: TSM-xxxNEG18MC.20(II) (xxx = 500 - 520, in increments of 5)
150 half-cut cells: TSM-xxxNEG18MC.25(II) (xxx = 500 - 520, in increments of 5)
150 half-cut cells: TSM-xxxNEG18MC.27(II) (xxx = 500 - 520, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

150 half-cut cells: TSM-xxxNEG18MC.28(II) (xxx = 500 - 520, in increments of 5)
150 half-cut cells: TSM-xxxNEG18MC.29(II) (xxx = 500 - 520, in increments of 5)
150 half-cut cells: TSM-xxxNEG18MC.30(II) (xxx = 500 - 520, in increments of 5)
120 half-cut cells: TSM-xxxNEG9.20 (xxx = 405-415, in increments of 5)
120 half-cut cells: TSM-xxxNEG9.25 (xxx = 405-415, in increments of 5)
120 half-cut cells: TSM-xxxNEG9.27 (xxx = 405-415, in increments of 5)
120 half-cut cells: TSM-xxxNEG9.28 (xxx = 405-415, in increments of 5)
120 half-cut cells: TSM-xxxNEG9.29 (xxx = 405-415, in increments of 5)
120 half-cut cells: TSM-xxxDEG8MC(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8MC.05(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8MC.25(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8MC.07(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8MC.20(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8MC.27(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8MC.28(II) (xxx = 355 - 380, in increments of 5)
120 half-cut cells: TSM-xxxDEG8MC.29(II) (xxx = 355 - 380, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9C.20 (xxx = 370 - 405, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9C.25 (xxx = 370 - 405, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9C.27 (xxx = 370 - 405, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9C.28 (xxx = 370 - 405, in increments of 5)
120 1/3-cut cells: TSM-xxxDEG9C.29 (xxx = 370 - 405, in increments of 5)
156 half-cut cells: TSM-xxxNEG15XC(II) (xxx = 425 - 445, in increments of 5)
156 half-cut cells: TSM-xxxNEG15XC.05(II) (xxx = 425 - 445, in increments of 5)
156 half-cut cells: TSM-xxxNEG15XC.25(II) (xxx = 425 - 445, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

156 half-cut cells: TSM-xxxNEG15XC.07(II) (xxx = 425 - 445, in increments of 5)
156 half-cut cells: TSM-xxxNEG15XC.20(II) (xxx = 425 - 445, in increments of 5)
156 half-cut cells: TSM-xxxNEG15XC.27(II) (xxx = 425 - 445, in increments of 5)
156 half-cut cells: TSM-xxxNEG15XC.28(II) (xxx = 425 - 445, in increments of 5)
156 half-cut cells: TSM-xxxNEG15XC.29(II) (xxx = 425 - 445, in increments of 5)
156 half-cut cells: TSM-xxxDEG17XC.25(II) (xxx = 445 - 490, in increments of 5)
156 half-cut cells: TSM-xxxDEG17XC.20(II) (xxx = 445 - 490, in increments of 5)
156 half-cut cells: TSM-xxxDEG17XC.27(II) (xxx = 445 - 490, in increments of 5)
156 half-cut cells: TSM-xxxDEG17XC.28(II) (xxx = 445 - 490, in increments of 5)
156 half-cut cells: TSM-xxxDEG17XC.29(II) (xxx = 445 - 490, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XKC.203 (xxx = 435-455, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XKC.253 (xxx = 435-455, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XKC.273 (xxx = 435-455, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XKC.283 (xxx = 435-455, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XKC.293 (xxx = 435-455, in increments of 5)
156 half-cut cells: TSM-xxxDEG17X.25(II) (xxx = 445-490, in increments of 5)
156 half-cut cells: TSM-xxxDEG17X.20(II) (xxx = 445-490, in increments of 5)
156 half-cut cells: TSM-xxxDEG17X.27(II) (xxx = 445-490, in increments of 5)
156 half-cut cells: TSM-xxxDEG17X.28(II) (xxx = 445-490, in increments of 5)
156 half-cut cells: TSM-xxxDEG17X.29(II) (xxx = 445-490, in increments of 5)
182 half-cut cells: TSM-xxxHEG15YKC.20 (xxx = 515-530, in increments of 5)
182 half-cut cells: TSM-xxxHEG15YKC.25 (xxx = 515-530, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

182 half-cut cells: TSM-xxxHEG15YKC.27 (xxx = 515-530, in increments of 5)
182 half-cut cells: TSM-xxxHEG15YKC.28 (xxx = 515-530, in increments of 5)
182 half-cut cells: TSM-xxxHEG15YKC.29 (xxx = 515-530, in increments of 5)
168 half-cut cells: TSM-xxxHEG15VKC.20 (xxx = 475-485, in increments of 5)
168 half-cut cells: TSM-xxxHEG15VKC.25 (xxx = 475-485, in increments of 5)
168 half-cut cells: TSM-xxxHEG15VKC.27 (xxx = 475-485, in increments of 5)
168 half-cut cells: TSM-xxxHEG15VKC.28 (xxx = 475-485, in increments of 5)
168 half-cut cells: TSM-xxxHEG15VKC.29 (xxx = 475-485, in increments of 5)
130 half-cut cells: TSM-xxxHEG6XKC.20 (xxx = 370-375, in increments of 5)
130 half-cut cells: TSM-xxxHEG6XKC.25 (xxx = 370-375, in increments of 5)
130 half-cut cells: TSM-xxxHEG6XKC.27 (xxx = 370-375, in increments of 5)
130 half-cut cells: TSM-xxxHEG6XKC.28 (xxx = 370-375, in increments of 5)
130 half-cut cells: TSM-xxxHEG6XKC.29 (xxx = 370-375, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XC.20 (xxx = 440-460, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XC.25 (xxx = 440-460, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XC.27 (xxx = 440-460, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XC.28 (xxx = 440-460, in increments of 5)
156 half-cut cells: TSM-xxxHEG15XC.29 (xxx = 440-460, in increments of 5)
144 half-cut cells: TSM-xxxHEG15C.20 (xxx = 410-425, in increments of 5)
144 half-cut cells: TSM-xxxHEG15C.25 (xxx = 410-425, in increments of 5)
144 half-cut cells: TSM-xxxHEG15C.27 (xxx = 410-425, in increments of 5)
144 half-cut cells: TSM-xxxHEG15C.28 (xxx = 410-425, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxHEG15C.29(xxx = 410-425, in increments of 5)
120 half-cut cells: TSM-xxxHEG6C.20(xxx = 340-350, in increments of 5)
120 half-cut cells: TSM-xxxHEG6C.25(xxx = 340-350, in increments of 5)
120 half-cut cells: TSM-xxxHEG6C.27(xxx = 340-350, in increments of 5)
120 half-cut cells: TSM-xxxHEG6C.28(xxx = 340-350, in increments of 5)
120 half-cut cells: TSM-xxxHEG6C.29 (xxx = 340-350, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.20(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.20W(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.20S(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.25(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.27(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.28(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.29(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.20 (xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.25 (xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.27 (xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.28 (xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.29 (xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.B0(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.B5(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.B7(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.B8(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19R.B9(xxx = 540 - 590, in increments of 5)
132 half-cut cells: TSM-xxxDEG19RC.B7(xxx = 540 - 590, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

132 half-cut cells: TSM-xxxNEG19RC.20 (xxx = 525 - 605, in increments of 5)

132 half-cut cells: TSM-xxxNEG19RC.20S (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19RC.20 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19RC.25 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19RC.27 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19RC.28 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19RC.29 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.20 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.25 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.27 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.28 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.29 (xxx = 565 - 595, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.20 (xxx = 565 - 585, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.25 (xxx = 565 - 585, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.27 (xxx = 565 - 585, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.28 (xxx = 565 - 585, in increments of 5)

132 half-cut cells: TSM-xxxNEG19R.29 (xxx = 565 - 585, in increments of 5)

144 1/3-cut cells: TSM-xxxDEG9RC.B0 (xxx = 395 - 435, in increments of 5)

144 1/3-cut cells: TSM-xxxDEG9RC.B5 (xxx = 395 - 435, in increments of 5)

144 1/3-cut cells: TSM-xxxDEG9RC.B7 (xxx = 395 - 435, in increments of 5)

144 1/3-cut cells: TSM-xxxDEG9RC.B7S (xxx = 395 - 435, in increments of 5)

144 1/3-cut cells: TSM-xxxDEG9RC.B8 (xxx = 395 - 435, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 1/3-cut cells: TSM-xxxDEG9RC.B9 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9RC.20 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9RC.25 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9RC.28 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9RC.27 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9RC.29 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9RC.27W (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.B0 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.B0S (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.B5 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.B7 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.B8 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.B8S (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.B9 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.20 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.25 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.27 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.28 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.29 (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.28W (xxx = 395 - 435, in increments of 5)
144 1/3-cut cells: TSM-xxxDEG9R.20W (xxx = 395 - 435, in increments of 5)

Maximum system voltage:

1500V

Fuse rating:

20A or 30A or 35A



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Application class: Class A

Electrical protection class: Class II

Module types:

Double Glass PV Modules with Poly-crystalline Silicon Solar Cells:

336 1/5-cut cells: TSM-xxxPEG5ZV (xxx = 280 - 300, in increments of 5)

336 1/5-cut cells: TSM-xxxPEG5ZV.05 (xxx = 280 - 300, in increments of 5)

336 1/5-cut cells: TSM-xxxPEG5ZV.07 (xxx = 280 - 300, in increments of 5)

336 1/5-cut cells: TSM-xxxPEG5ZV.40 (xxx = 280 - 300, in increments of 5)

336 1/5-cut cells: TSM-xxxPEG5ZV.47 (xxx = 280 - 300, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.05 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.07 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.20 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.25 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.27 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.28 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.29 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.40 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.47 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H(II) (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H(II).05 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H(II).07 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H(II).20 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H(II).25 (xxx = 305 - 370, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxPEG14H(II).27 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG14H(II).28 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG14H(II).29 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG14H(II).40 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG14H(II).47 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.05 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.07 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.20 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.25 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.27 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.28 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.29 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.40 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H.47 (xxx = 305 - 370, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H(II) (xxx = 305 - 400, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H(II).05 (xxx = 305 - 400, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H(II).07 (xxx = 305 - 400, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H(II).20 (xxx = 305 - 400, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H(II).25 (xxx = 305 - 400, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H(II).27 (xxx = 305 - 400, in increments of 5)
144 half-cut cells: TSM-xxxPEG15H(II).28 (xxx = 305 - 400, in increments of 5)



144 half-cut cells: TSM-xxxPEG15H(II).29 (xxx = 305 - 400, in increments of 5)

144 half-cut cells: TSM-xxxPEG15H(II).40 (xxx = 305 - 400, in increments of 5)

144 half-cut cells: TSM-xxxPEG15H(II).47 (xxx = 305 - 400, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.05 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.07 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.20 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.25 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.27 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.28 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.29 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.40 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG5H.47 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.05 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.07 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.20 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.25 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.27 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.28 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.29 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.40 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.47 (xxx = 255 - 310, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxPEG5H(II) (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).05 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).07 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).20 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).25 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).27 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).28 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).29 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).40 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG5H(II).47 (xxx = 255 - 310, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.05(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.07(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.20(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.25(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.27(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.28(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.29(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.40(II) (xxx = 255 - 330, in increments of 5)
120 half-cut cells: TSM-xxxPEG6H.47(II) (xxx = 255 - 330, in increments of 5)
72 cells: TSM-xxxPEG14 (xxx = 280 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.05 (xxx = 280 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.07 (xxx = 280 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.40 (xxx = 280 - 360, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

72 cells: TSM-xxxPEG14.47 (xxx = 280 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.20 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.25 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.27 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.28 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.29 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG14(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.05(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.07(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.20(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.25(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.27(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.28(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.29(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.40(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG14.47(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15 (xxx = 280 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.05 (xxx = 280 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.07 (xxx = 280 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.20 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.25 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.27 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.28 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.29 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.40 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.47 (xxx = 295 - 360, in increments of 5)
72 cells: TSM-xxxPEG15(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.05(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.07(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.20(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.25(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.27(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.28(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.29(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.40(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPEG15.47(II) (xxx = 300 - 360, in increments of 5)
60 cells: TSM-xxxPEG5 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.05 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.07 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.40 (xxx = 230 - 300, in increments of 5)

60 cells: TSM-xxxPEG5.47 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.50 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.20 (xxx = 245 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.25 (xxx = 245 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.27 (xxx = 245 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.28 (xxx = 245 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.29 (xxx = 245 - 300, in increments of 5)
60 cells: TSM-xxxPEG5(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.05(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.07(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.20 (II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.25(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.27(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.28(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.29(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.40(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.47(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG5.50(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.05 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.07 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.20 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.25 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.27 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.28 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.29 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.40 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.47 (xxx = 230 - 300, in increments of 5)
60 cells: TSM-xxxPEG6(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.05(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.07(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.20 (II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.25(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.27(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.28(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.29(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.40(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPEG6.47(II) (xxx = 260 - 300, in increments of 5)
40 cells: TSM-xxxPEG40 (xxx = 160 - 175, in increments of 5)
40 cells: TSM-xxxPEG40.07 (xxx = 160 - 175, in increments of 5)

40 cells: TSM-xxxPEG40.40 (xxx = 160 - 175, in increments of 5)
40 cells: TSM-xxxPEG40.47 (xxx = 160 - 175, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.05(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.07(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.20(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.25(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.27(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.28(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.29(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.40(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG14M.47(II) (xxx = 330 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.05(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.07(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.20(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.25(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.27(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.28(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.29(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.40(II) (xxx = 340 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPEG15M.47(II) (xxx = 340 - 405, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M(II) (xxx = 275 - 300, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxPEG5M.05(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.07(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.20(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.25(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.27(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.28(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.28(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.29(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.40(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG5M.47(II) (xxx = 275 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.05(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.07(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.20(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.25(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.27(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.28(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.29(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.40(II) (xxx = 280 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPEG6M.47(II) (xxx = 280 - 335, in increments of 5)
144 half-cut cells: TSM-xxxPEG17MC(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17MC.05(II) (xxx = 410 - 445, in increments of 5)

144 half-cut cells: TSM-xxxPEG17MC.25(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17MC.07(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17MC.20(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17MC.27(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17MC.28(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17MC.29(II) (xxx = 410 - 445, in increments of 5)
120 half-cut cells: TSM-xxxPEG8MC(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8MC.05(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8MC.25(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8MC.07(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8MC.20(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8MC.27(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8MC.28(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8MC.29(II) (xxx = 350 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPEG17M(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17M.05(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17M.25(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17M.07(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17M.20(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17M.27(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17M.28(II) (xxx = 410 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPEG17M.29(II) (xxx = 410 - 445, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxPEG8M(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8M.05(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8M.25(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8M.07(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8M.20(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8M.27(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8M.28(II) (xxx = 350 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPEG8M.29(II) (xxx = 350 - 365, in increments of 5)

Maximum system voltage: 1500V
Fuse rating: 20A or 30A
Application class: Class A
Electrical protection class: Class II

Module types:

Single Glass PV Modules with Mono-crystalline Silicon Solar Cells:

72 cells: TSM-xxxDE14A(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDE14A.08(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDE14A.09(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDE14A.T0(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDE14A.T8(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDE14A.T9(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDE14A.05(II) (xxx = 330 - 390, in increments of 5)
72 cells: TSM-xxxDE14B(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE14B.08(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE14B.09(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15A(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15A.08(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15A.09(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15A.T0(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15A.T8(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15A.T9(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15A.08(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15A.05(II) (xxx = 330 - 385, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

72 cells: TSM-xxxDE15B(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15B.08(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDE15B.09(II) (xxx = 330 - 385, in increments of 5)
60 cells: TSM-xxxDE05A(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE05A.08(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE05A.09(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE05A.10(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE05A.18(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE05A.50(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE06A(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE06A.08(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE06A.09(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE06A.T0(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE06A.T8(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE06A.T9(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE06A.05(II) (xxx = 230 - 325, in increments of 5)
60 cells: TSM-xxxDE06A.50(II) (xxx = 230 - 325, in increments of 5)
96 half-cut cells: TSM-xxxDE061M(II) (xxx = 240 - 280, in increments of 5)
96 half-cut cells: TSM-xxxDE061M.08(II) (xxx = 240 - 280, in increments of 5)
96 half-cut cells: TSM-xxxDE061M.09(II) (xxx = 240 - 280, in increments of 5)
96 half-cut cells: TSM-xxxDE061M.T0(II) (xxx = 240 - 280, in increments of 5)
96 half-cut cells: TSM-xxxDE061M.T8(II) (xxx = 240 - 280, in increments of 5)
96 half-cut cells: TSM-xxxDE061M.T9(II) (xxx = 240 - 280, in increments of 5)
96 half-cut cells: TSM-xxxDE061M.05(II) (xxx = 240 - 280, in increments of 5)
96 half-cut cells: TSM-xxxDE061M.10(II) (xxx = 240 - 280, in increments of 5)
96 half-cut cells: TSM-xxxDE061M.18(II) (xxx = 240 - 280, in increments of 5)
144 half-cut cells: TSM-xxxDE18 (xxx = 515 - 560, in increments of 5)
144 half-cut cells: TSM-xxxDE18.05 (xxx = 515 - 560, in increments of 5)
144 half-cut cells: TSM-xxxDE18.08 (xxx = 515 - 560, in increments of 5)
144 half-cut cells: TSM-xxxDE18.09 (xxx = 515 - 560, in increments of 5)
144 half-cut cells: TSM-xxxDE18.60 (xxx = 515 - 560, in increments of 5)
144 half-cut cells: TSM-xxxDE18.T0 (xxx = 515 - 560, in increments of 5)
144 half-cut cells: TSM-xxxDE18.T8 (xxx = 515 - 560, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxDE18.T9 (xxx = 515 - 560, in increments of 5)
120 half-cut cells: TSM-xxxDE10 (xxx = 430 - 455, in increments of 5)
120 half-cut cells: TSM-xxxDE10.05 (xxx = 430 - 455, in increments of 5)
120 half-cut cells: TSM-xxxDE10.08 (xxx = 430 - 455, in increments of 5)
120 half-cut cells: TSM-xxxDE10.09 (xxx = 430 - 455, in increments of 5)
120 half-cut cells: TSM-xxxDE10.T0 (xxx = 430 - 455, in increments of 5)
120 half-cut cells: TSM-xxxDE10.T8 (xxx = 430 - 455, in increments of 5)
120 half-cut cells: TSM-xxxDE10.T9 (xxx = 430 - 455, in increments of 5)
108 half-cut cells: TSM-xxxDE11 (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11.08 (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11.09 (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11.T0 (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11.T8 (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11.T9 (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11.05 (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11C (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11C.05 (xxx = 390 - 415, in increments of 5)
108 half-cut cells: TSM-xxxDE11C.07 (xxx = 390 - 415, in increments of 5)
144 half-cut cells: TSM-xxxDE09R (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.08 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.09 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.T0 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.T8 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.T9 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.05 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B0 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B5 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B8 (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.00S (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.08S (xxx = 395 - 440, in increments of 5)

144 half-cut cells: TSM-xxxDE09R.05S (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B0S (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B8S (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B5S (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.W (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.05W (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.08W (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B5W (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B8W (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE09R.B0W (xxx = 395 - 440, in increments of 5)
144 half-cut cells: TSM-xxxDE14H(II) (xxx = 335 - 405, in increments of 5)
144 half-cut cells: TSM-xxxDE14H.08(II) (xxx = 335 - 405, in increments of 5)
144 half-cut cells: TSM-xxxDE14H.09(II) (xxx = 335 - 405, in increments of 5)
144 half-cut cells: TSM-xxxDE14H.10(II) (xxx = 335 - 405, in increments of 5)
144 half-cut cells: TSM-xxxDE14H.18(II) (xxx = 335 - 405, in increments of 5)
144 half-cut cells: TSM-xxxDE14HB(II) (xxx = 330 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDE14HB.08(II) (xxx = 330 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDE14HB.09(II) (xxx = 330 - 395, in increments of 5)
144 half-cut cells: TSM-xxxDE15H(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15H.08(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15H.09(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15H.10(II) (xxx = 330 - 425, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxDE15H.18(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15HB(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15HB.08(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15HB.09(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15HB.T0(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15HB.T8(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15HB.T9(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15HB.05(II) (xxx = 330 - 425, in increments of 5)
144 half-cut cells: TSM-xxxDE15M(II) (xxx = 335 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15M.08(II) (xxx = 335 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15M.09(II) (xxx = 335 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15M.10(II) (xxx = 335 - 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15M.18(II) (xxx = 335 - 420, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M(II) (xxx = 470 - 520, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M.08(II) (xxx = 470 - 520, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M.09(II) (xxx = 470 - 520, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M.60(II) (xxx = 470 - 520, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M.T0(II) (xxx = 470 - 520, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M.T8(II) (xxx = 470 - 520, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M.T9(II) (xxx = 470 - 520, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M.05(II) (xxx = 470 - 520, in increments of 5)
150 1/3 cutting cells: TSM-xxxDE18M.B0(II) (xxx = 470 - 520, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

150 1/3 cutting cells: TSM-xxxDE18M.B5(II)(xxx = 470 - 520, in increments of 5)

150 1/3 cutting cells: TSM-xxxDE18M.B8(II)(xxx = 470 - 520, in increments of 5)

150 1/3 cutting cells: TSM-xxxDE18M.68(II)(xxx = 470 - 520, in increments of 5)

150 1/3 cutting cells: TSM-xxxDE18M.00S(II)(xxx = 470 - 520, in increments of 5)

150 1/3 cutting cells: TSM-xxxDE18M.08S(II)(xxx = 470 - 520, in increments of 5)

150 1/3 cutting cells: TSM-xxxDE18M.68S(II)(xxx = 470 - 520, in increments of 5)

150 1/3 cutting cells: TSM-xxxDE18M.W(II)(xxx = 470 - 520, in increments of 5)

150 1/3 cutting cells: TSM-xxxDE18M.08W(II)(xxx = 470 - 520, in increments of 5)

120 half-cut cells: TSM-xxxDE20 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.05 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.08 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.09 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.60 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.T0 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.T8 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.T9 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.B0 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.B5 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.B8 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.68 (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.00S (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.60S (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.68S (xxx = 575 - 610, in increments of 5)

120 half-cut cells: TSM-xxxDE20.W (xxx = 575 - 610, in increments of 5)

132 half-cut cells: TSM-xxxDE21 (xxx = 635 - 675, in increments of 5)

132 half-cut cells: TSM-xxxDE21.05 (xxx = 635 - 675, in increments of 5)

132 half-cut cells: TSM-xxxDE21.08 (xxx = 635 - 675, in increments of 5)

132 half-cut cells: TSM-xxxDE21.09 (xxx = 635 - 675, in increments of 5)

132 half-cut cells: TSM-xxxDE21.T0 (xxx = 635 - 675, in increments of 5)

132 half-cut cells: TSM-xxxDE21.T8 (xxx = 635 - 675, in increments of 5)

132 half-cut cells: TSM-xxxDE21.T9 (xxx = 635 - 675, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

132 half-cut cells: TSM-xxxDE21.60 (xxx = 635 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDE21.68 (xxx = 635 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDE21.00S (xxx = 635 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDE21.60S (xxx = 635 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDE21.68S (xxx = 635 - 675, in increments of 5)
132 half-cut cells: TSM-xxxDE21.W (xxx = 635 - 675, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.05 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.08 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.09 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.T0 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.T8 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.T9 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.00S (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.05S (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.08S (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.05W (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09.08W (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09C.05 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxDE09C.07 (xxx = 375-415, in increments of 5)
120 1/3 cutting cells: TSM-xxxNE19R (xxx = 565-590, in increments of 5)
120 1/3 cutting cells: TSM-xxxNE19R.08 (xxx = 565-590, in increments of 5)
120 1/3 cutting cells: TSM-xxxNE19R.09 (xxx = 565-590, in increments of 5)
120 1/3 cutting cells: TSM-xxxNE19R.T0 (xxx = 565-590, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 1/3 cutting cells: TSM-xxxNE19R.T8 (xxx = 565-590, in increments of 5)
120 1/3 cutting cells: TSM-xxxNE19R.T9 (xxx = 565-590, in increments of 5)
120 1/3 cutting cells: TSM-xxxNE19R.08 (xxx = 565-590, in increments of 5)
252 half-cut cells: TSM-xxxDE15V(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDE15V.05(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDE15V.08(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDE15V.09(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDE15V.T0(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDE15V.T8(II) (xxx = 465-490, in increments of 5)
252 half-cut cells: TSM-xxxDE15V.T9(II) (xxx = 465-490, in increments of 5)
120 half-cut cells: TSM-xxxDE05H(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE05H.08(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE05H.09(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE05H.10(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE05H.18(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE05H.50(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE05HB(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE05HB.08(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE05HB.09(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDE06H(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06H.08(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06H.09(II) (xxx = 275 - 350, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxDE06H.10(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06H.18(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06H.50(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06HB(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06HB.08(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06HB.09(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06M(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06M.08(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06M.09(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06M.T0(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06M.T8(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06M.T9(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE06M.05(II) (xxx = 275 - 350, in increments of 5)
120 half-cut cells: TSM-xxxNE06M(II) (xxx = 315 - 355, in increments of 5)
120 half-cut cells: TSM-xxxNE06M.08(II) (xxx = 315 - 355, in increments of 5)
120 half-cut cells: TSM-xxxNE06M.09(II) (xxx = 315 - 355, in increments of 5)
120 half-cut cells: TSM-xxxNE06M.T0(II) (xxx = 315 - 355, in increments of 5)
120 half-cut cells: TSM-xxxNE06M.T8(II) (xxx = 315 - 355, in increments of 5)
120 half-cut cells: TSM-xxxNE06M.T9(II) (xxx = 315 - 355, in increments of 5)
120 half-cut cells: TSM-xxxNE06M.05(II) (xxx = 315 - 355, in increments of 5)
120 half-cut cells: TSM-xxxNE07M(II) (xxx = 315 - 335, in increments of 5)
120 half-cut cells: TSM-xxxNE07M.08(II) (xxx = 315 - 335, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxNE07M.09(II) (xxx = 315 - 335, in increments of 5)
144 half-cut cells: TSM-xxxNE15M(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxNE15M.08(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxNE15M.09(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxNE16M(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxNE16M.08(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxNE16M.09(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxNE16M.T0(II) (xxx = 375- 405, in increments of 5)
144 half-cut cells: TSM-xxxNE16M.T8(II) (xxx = 375- 405, in increments of 5)
144 half-cut cells: TSM-xxxNE16M.T9(II) (xxx = 375- 405, in increments of 5)
144 half-cut cells: TSM-xxxNE16M.05(II) (xxx = 375- 405, in increments of 5)
144 half-cut cells: TSM-xxxNE15X(II) (xxx = 405 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNE15X.08(II) (xxx = 405 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNE15X.09(II) (xxx = 405 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNE15X.T0(II) (xxx = 405 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNE15X.T8(II) (xxx = 405 - 435, in increments of 5)
144 half-cut cells: TSM-xxxNE15X.T9(II) (xxx = 405 - 435, in increments of 5)
144 half-cut cells: TSM-xxxDE17M(II) (xxx = 390 - 465, in increments of 5)
144 half-cut cells: TSM-xxxDE17M.08(II) (xxx = 390 - 465, in increments of 5)
144 half-cut cells: TSM-xxxDE17M.09(II) (xxx = 390 - 465, in increments of 5)
144 half-cut cells: TSM-xxxDE17M.T0(II) (xxx = 390 - 465, in increments of 5)
144 half-cut cells: TSM-xxxDE17M.T8(II) (xxx = 390 - 465, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxDE17M.T9(II) (xxx = 390 - 465, in increments of 5)
144 half-cut cells: TSM-xxxDE17M.05(II) (xxx = 390 - 465, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB(II) (xxx = 330- 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB.08(II) (xxx = 330- 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB.09(II) (xxx = 330- 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB.10(II) (xxx = 330- 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB.18(II) (xxx = 330- 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB.T0(II) (xxx = 330- 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB.T8(II) (xxx = 330- 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB.T9(II) (xxx = 330- 420, in increments of 5)
144 half-cut cells: TSM-xxxDE15MB.05(II) (xxx = 330- 420, in increments of 5)
144 1/3 cutting cells: TSM-xxxNE09R (xxx = 415- 435, in increments of 5)
144 1/3 cutting cells: TSM-xxxNE09R.05 (xxx = 415- 435, in increments of 5)
144 1/3 cutting cells: TSM-xxxNE09R.08 (xxx = 415- 435, in increments of 5)
144 1/3 cutting cells: TSM-xxxNE09R.B0 (xxx = 415- 435, in increments of 5)
144 1/3 cutting cells: TSM-xxxNE09R.B5 (xxx = 415- 435, in increments of 5)
144 1/3 cutting cells: TSM-xxxNE09R.B8 (xxx = 415- 435, in increments of 5)
144 1/3 cutting cells: TSM-xxxNE09RC.05 (xxx = 365- 435, in increments of 5)
144 1/3 cutting cells: TSM-xxxNE09RC.07 (xxx = 395- 435, in increments of 5)
120 half-cut cells: TSM-xxxDE151M(II) (xxx = 300 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE151M.08(II) (xxx = 300 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE151M.09(II) (xxx = 300 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDE151M.T0(II) (xxx = 300 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE151M.T8(II) (xxx = 300 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE151M.T9(II) (xxx = 300 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE151M.05(II) (xxx = 300 - 350, in increments of 5)
120 half-cut cells: TSM-xxxDE08M(II) (xxx = 335 - 385, in increments of 5)
120 half-cut cells: TSM-xxxDE08M.08(II) (xxx = 335 - 385, in increments of 5)
120 half-cut cells: TSM-xxxDE08M.09(II) (xxx = 335 - 385, in increments of 5)
120 half-cut cells: TSM-xxxDE08M.T0(II) (xxx = 335 - 385, in increments of 5)
120 half-cut cells: TSM-xxxDE08M.T8(II) (xxx = 335 - 385, in increments of 5)
120 half-cut cells: TSM-xxxDE08M.T9(II) (xxx = 335 - 385, in increments of 5)
120 half-cut cells: TSM-xxxDE08M.05(II) (xxx = 335 - 385, in increments of 5)
120 half-cut cells: TSM-xxxNE15M (II) (xxx = 375 - 430, in increments of 5)
120 half-cut cells: TSM-xxxNE15M.08 (II) (xxx = 375 - 430, in increments of 5)
120 half-cut cells: TSM-xxxNE15M.09 (II) (xxx = 375 - 430, in increments of 5)
120 half-cut cells: TSM-xxxNE15M.T0 (II) (xxx = 375 - 430, in increments of 5)
120 half-cut cells: TSM-xxxNE15M.T8 (II) (xxx = 375 - 430, in increments of 5)
120 half-cut cells: TSM-xxxNE15M.T9 (II) (xxx = 375 - 430, in increments of 5)
120 half-cut cells: TSM-xxxNE15M.05(II) (xxx = 375 - 430, in increments of 5)
120 half-cut cells: TSM-xxxNE06X(II) (xxx = 345 - 390, in increments of 5)
120 half-cut cells: TSM-xxxNE06X.08(II) (xxx = 345 - 390, in increments of 5)
120 half-cut cells: TSM-xxxNE06X.09(II) (xxx = 345 - 390, in increments of 5)
120 half-cut cells: TSM-xxxNE06X.T0(II) (xxx = 345 - 390, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxNE06X.T8(II) (xxx = 345 - 390, in increments of 5)
120 half-cut cells: TSM-xxxNE06X.T9(II) (xxx = 345 - 390, in increments of 5)
120 half-cut cells: TSM-xxxNE06X.05(II) (xxx = 345 - 390, in increments of 5)
156 half-cut cells: TSM-xxxDE17X(II) (xxx = 450 - 485, in increments of 5)
156 half-cut cells: TSM-xxxDE17X.08(II) (xxx = 450 - 485, in increments of 5)
156 half-cut cells: TSM-xxxDE17X.09(II) (xxx = 450 - 485, in increments of 5)
156 half-cut cells: TSM-xxxDE17X.T8(II) (xxx = 450 - 485, in increments of 5)
156 half-cut cells: TSM-xxxDE17X.T9(II) (xxx = 450 - 485, in increments of 5)
156 half-cut cells: TSM-xxxDE17X.05(II) (xxx = 450 - 485, in increments of 5)
156 half-cut cells: TSM-xxxDE17X.T0(II) (xxx = 450 - 485, in increments of 5)
110 half-cut cells: TSM-xxxDE171H(II) (xxx = 315 - 350, in increments of 5)
110 half-cut cells: TSM-xxxDE19C (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19C.08 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE17H(II) (xxx = 315 - 330, in increments of 5)
110 half-cut cells: TSM-xxxDE19 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.05 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.08 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.09 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.60 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.T0 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.T8 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.T9 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.B0 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.B5 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.B8 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.68 (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.00S (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.60S (xxx = 500 - 560, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

110 half-cut cells: TSM-xxxDE19.68S (xxx = 500 - 560, in increments of 5)
110 half-cut cells: TSM-xxxDE19.W (xxx = 500 - 560, in increments of 5)
90 half-cut cells: TSM-xxxDE081M(II) (xxx = 265 - 295, in increments of 5)
90 half-cut cells: TSM-xxxDE081M.08(II) (xxx = 265 - 295, in increments of 5)
90 half-cut cells: TSM-xxxDE081M.09(II) (xxx = 265 - 295, in increments of 5)
90 half-cut cells: TSM-xxxDE081M.T0(II) (xxx = 265 - 295, in increments of 5)
90 half-cut cells: TSM-xxxDE081M.T8(II) (xxx = 265 - 295, in increments of 5)
90 half-cut cells: TSM-xxxDE081M.T8(II) (xxx = 265 - 295, in increments of 5)
90 half-cut cells: TSM-xxxDE081M.05(II) (xxx = 265 - 295, in increments of 5)
156 half-cut cells: TSM-xxxDE15X(II) (xxx = 405 - 435, in increments of 5)
156 half-cut cells: TSM-xxxDE15X.08(II) (xxx = 405 - 435, in increments of 5)
156 half-cut cells: TSM-xxxDE15X.09(II) (xxx = 405 - 435, in increments of 5)
156 half-cut cells: TSM-xxxDE15X.T0(II) (xxx = 405 - 435, in increments of 5)
156 half-cut cells: TSM-xxxDE15X.T8(II) (xxx = 405 - 435, in increments of 5)
156 half-cut cells: TSM-xxxDE15X.T9(II) (xxx = 405 - 435, in increments of 5)
132 half-cut cells: TSM-xxxDE06X(II) (xxx = 345 - 365, in increments of 5)
132 half-cut cells: TSM-xxxDE06X.08(II) (xxx = 345 - 365, in increments of 5)
132 half-cut cells: TSM-xxxDE06X.09(II) (xxx = 345 - 365, in increments of 5)
132 half-cut cells: TSM-xxxDE06X.T0(II) (xxx = 345 - 365, in increments of 5)
132 half-cut cells: TSM-xxxDE06X.T8(II) (xxx = 345 - 365, in increments of 5)
132 half-cut cells: TSM-xxxDE06X.T9(II) (xxx = 345 - 365, in increments of 5)
132 half-cut cells: TSM-xxxDE06XC(II) (xxx = 355 - 380, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

132 half-cut cells: TSM-xxxDE06XC.08(II) (xxx = 355 - 380, in increments of 5)

132 half-cut cells: TSM-xxxDE06XC.09(II) (xxx = 355 - 380, in increments of 5)

132 half-cut cells: TSM-xxxDE06XC.05(II) (xxx = 355 - 380, in increments of 5)

132 half-cut cells: TSM-xxxDE06XC.07(II) (xxx = 355 - 380, in increments of 5)

132 half-cut cells: TSM-xxxNE21 (xxx = 645 - 685, in increments of 5)

132 half-cut cells: TSM-xxxNE21.05 (xxx = 645 - 685, in increments of 5)

132 half-cut cells: TSM-xxxNE21.08 (xxx = 645 - 685, in increments of 5)

132 half-cut cells: TSM-xxxNE21.09 (xxx = 645 - 685, in increments of 5)

132 half-cut cells: TSM-xxxNE21.T0 (xxx = 645 - 685, in increments of 5)

132 half-cut cells: TSM-xxxNE21.T9 (xxx = 645 - 685, in increments of 5)

132 half-cut cells: TSM-xxxNE21.T8 (xxx = 645 - 685, in increments of 5)

120 half-cut cells: TSM-xxxNE20 (xxx = 590 - 620, in increments of 5)

120 half-cut cells: TSM-xxxNE20.05 (xxx = 590 - 620, in increments of 5)

120 half-cut cells: TSM-xxxNE20.08 (xxx = 590 - 620, in increments of 5)

120 half-cut cells: TSM-xxxNE20.09 (xxx = 590 - 620, in increments of 5)

120 half-cut cells: TSM-xxxNE20.T0 (xxx = 590 - 620, in increments of 5)

120 half-cut cells: TSM-xxxNE20.T9 (xxx = 590 - 620, in increments of 5)

120 half-cut cells: TSM-xxxNE20.T8 (xxx = 590 - 620, in increments of 5)

110 half-cut cells: TSM-xxxNE19 (xxx = 540 - 560, in increments of 5)

110 half-cut cells: TSM-xxxNE19.05 (xxx = 540 - 560, in increments of 5)

110 half-cut cells: TSM-xxxNE19.08 (xxx = 540 - 560, in increments of 5)

110 half-cut cells: TSM-xxxNE19.09 (xxx = 540 - 560, in increments of 5)

110 half-cut cells: TSM-xxxNE19.T0 (xxx = 540 - 560, in increments of 5)

110 half-cut cells: TSM-xxxNE19.T8 (xxx = 540 - 560, in increments of 5)

110 half-cut cells: TSM-xxxNE19.T9 (xxx = 540 - 560, in increments of 5)

150 half-cut cells: TSM-xxxNE18M(II) (xxx = 490 - 530, in increments of 5)

150 half-cut cells: TSM-xxxNE18M.08(II) (xxx = 490 - 530, in increments of 5)

150 half-cut cells: TSM-xxxNE18M.09(II) (xxx = 490 - 530, in increments of 5)

150 half-cut cells: TSM-xxxNE18M.T0(II) (xxx = 490 - 530, in increments of 5)

150 half-cut cells: TSM-xxxNE18M.T8(II) (xxx = 490 - 530, in increments of 5)

150 half-cut cells: TSM-xxxNE18M.T9(II) (xxx = 490 - 530, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

150 half-cut cells: TSM-xxxNE18M.05(II) (xxx = 490 - 530, in increments of 5)
120 half-cut cells: TSM-xxxNE09 (xxx = 395 - 420, in increments of 5)
120 half-cut cells: TSM-xxxNE09.05 (xxx = 395 - 420, in increments of 5)
120 half-cut cells: TSM-xxxNE09.08 (xxx = 395 - 420, in increments of 5)
120 half-cut cells: TSM-xxxNE09.09 (xxx = 395 - 420, in increments of 5)
120 half-cut cells: TSM-xxxNE09.T0 (xxx = 395 - 420, in increments of 5)
120 half-cut cells: TSM-xxxNE09.T8 (xxx = 395 - 420, in increments of 5)
120 half-cut cells: TSM-xxxNE09.T9 (xxx = 395 - 420, in increments of 5)
132 half-cut cells: TSM-xxxDE21F (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE21F.05 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE21F.08 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE21F.09 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE21F.T0 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE21F.T8 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE21F.T9 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.08 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.09 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.T0 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.T8 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.T9 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.05 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.00S (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.B0 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.B5 (xxx = 550 - 605, in increments of 5)
132 half-cut cells: TSM-xxxDE19R.B8 (xxx = 550 - 605, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

	132 half-cut cells: TSM-xxxDE19R.W (xxx = 550 - 605, in increments of 5)
Maximum system voltage:	1500V
Fuse rating:	15A or 20A or 30A
Application class:	Class A
Electrical protection class:	Class II

Module types:

Single Glass PV Modules with Mono-crystalline Silicon Solar Cells:

- 144 half-cut cells: TSM-xxxDD14H(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.05(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.08(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.09(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14HB(II) (xxx = 335 - 395, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14HB.05(II) (xxx = 335 - 395, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14HB.08(II) (xxx = 335 - 395, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14HB.09(II) (xxx = 335 - 395, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15HB(II) (xxx = 330 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15HB.05(II) (xxx = 335 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15HB.08(II) (xxx = 335 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15HB.09(II) (xxx = 335 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.10(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.18(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15H(II) (xxx = 330 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15H.05(II) (xxx = 330 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15H.08(II) (xxx = 330 - 410, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxDD15H.09(II) (xxx = 330 - 410, in increments of 5)
144 half-cut cells: TSM-xxxDD15M(II) (xxx = 330 - 410, in increments of 5)
144 half-cut cells: TSM-xxxDD15M.05(II) (xxx = 330 - 410, in increments of 5)
144 half-cut cells: TSM-xxxDD15M.08(II) (xxx = 330 - 410, in increments of 5)
144 half-cut cells: TSM-xxxDD15M.09(II) (xxx = 330 - 410, in increments of 5)
120 half-cut cells: TSM-xxxDD05H(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05H.05(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05H.08(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05H.09(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05H.10(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05H.18(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05H.50(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD06H(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06H.05(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06H.08(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06H.09(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD05M(II) (xxx = 275 - 325, in increments of 5)
120 half-cut cells: TSM-xxxDD05M.05(II) (xxx = 275 - 325, in increments of 5)
120 half-cut cells: TSM-xxxDD05M.08(II) (xxx = 275 - 325, in increments of 5)
120 half-cut cells: TSM-xxxDD05M.09(II) (xxx = 275 - 325, in increments of 5)
120 half-cut cells: TSM-xxxDD05M.10(II) (xxx = 275 - 325, in increments of 5)
120 half-cut cells: TSM-xxxDD05M.18(II) (xxx = 275 - 325, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxDD05M.50(II) (xxx = 275 - 325, in increments of 5)
120 half-cut cells: TSM-xxxDD06M(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06M.05(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06M.08(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06M.09(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06M.10(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06M.18(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06M.50(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD05HB(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05HB.05(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05HB.08(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD05HB.09(II) (xxx = 275 - 335, in increments of 5)
120 half-cut cells: TSM-xxxDD06HB(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06HB.05(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06HB.08(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxDD06HB.09(II) (xxx = 275 - 340, in increments of 5)
120 half-cut cells: TSM-xxxND06M(II) (xxx = 315 - 335, in increments of 5)
120 half-cut cells: TSM-xxxND06M.08(II) (xxx = 315 - 335, in increments of 5)
120 half-cut cells: TSM-xxxND06M.09(II) (xxx = 315 - 335, in increments of 5)
120 half-cut cells: TSM-xxxND07M(II) (xxx = 315 - 335, in increments of 5)
120 half-cut cells: TSM-xxxND07M.08(II) (xxx = 315 - 335, in increments of 5)
120 half-cut cells: TSM-xxxND07M.09(II) (xxx = 315 - 335, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxND15M(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxND15M.08(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxND15M.09(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxND16M(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxND16M.08(II) (xxx = 375 - 405, in increments of 5)
144 half-cut cells: TSM-xxxND16M.09(II) (xxx = 375 - 405, in increments of 5)
72 cells: TSM-xxxDC14 (xxx = 250 - 290, in increments of 5)
72 cells: TSM-xxxDA14 (xxx = 250 - 290, in increments of 5)
72 cells: TSM-xxxDD14A (xxx = 280 - 335, in increments of 5)
72 cells: TSM-xxxDD14A.05 (xxx = 280 - 335, in increments of 5)
72 cells: TSM-xxxDD14A.08 (xxx = 280 - 335, in increments of 5)
72 cells: TSM-xxxDD14A(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD14A.05(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD14A.07(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD14A.08(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD14A.09(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD14A.10(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD14A.15(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD14A.18(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD15A(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD15A.05(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD15A.08(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD15A.09(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD14A.001(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.051(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.081(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.002(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.052(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.082(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.00S(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.05S(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.08S(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.00M(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.05M(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.08M(II) (xxx = 320 - 375, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

72 cells: TSM-xxxDD14A.00U(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.05U(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14A.08U(II) (xxx = 320 - 375, in increments of 5)
72 cells: TSM-xxxDD14 (xxx = 280 - 315, in increments of 5)
72 cells: TSM-xxxDD14.05 (xxx = 280 - 315, in increments of 5)
72 cells: TSM-xxxDD14.08 (xxx = 280 - 315, in increments of 5)
72 cells: TSM-xxxDD14(II) (xxx = 325 - 375, in increments of 5)
72 cells: TSM-xxxDD14.05(II) (xxx = 325 - 375, in increments of 5)
72 cells: TSM-xxxDD14.08(II) (xxx = 325 - 375, in increments of 5)
72 cells: TSM-xxxDD14.09(II) (xxx = 325 - 375, in increments of 5)
72 cells: TSM-xxxDD14.10(II) (xxx = 325 - 375, in increments of 5)
72 cells: TSM-xxxDD14.15(II) (xxx = 325 - 375, in increments of 5)
72 cells: TSM-xxxDD14.18(II) (xxx = 325 - 375, in increments of 5)
72 cells: TSM-xxxDD14B(II) (xxx = 330 - 380, in increments of 5)
72 cells: TSM-xxxDD14B.05(II) (xxx = 325 - 380, in increments of 5)
72 cells: TSM-xxxDD14B.08(II) (xxx = 325 - 380, in increments of 5)
72 cells: TSM-xxxDD15B(II) (xxx = 330 - 385, in increments of 5)
72 cells: TSM-xxxDD15B.05(II) (xxx = 325 - 385, in increments of 5)
72 cells: TSM-xxxDD15B.08(II) (xxx = 325 - 385, in increments of 5)
60 cells: TSM-xxxDC05 (xxx = 210 - 250, in increments of 5)
60 cells: TSM-xxxDC05.05 (xxx = 210 - 250, in increments of 5)
60 cells: TSM-xxxDC05.08 (xxx = 210 - 250, in increments of 5)
60 cells: TSM-xxxDC05A (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDC05A.05 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDC05A.08 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDC05A.50 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDC05A.002 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDC05A.052 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDC05A.082 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDC05A.50 (xxx = 240 - 280, in increments of 5)
60 cells: TSM-xxxDC05A(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDC05A.05(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDC05A.08(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDD05A.05 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDD05A.08 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDD05A.50 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDD05A.002 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDD05A.052 (xxx = 230 - 280, in increments of 5)
60 cells: TSM-xxxDD05A.082 (xxx = 230 - 280, in increments of 5)



60 cells: TSM-xxxDD05A(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD05A.001(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.051(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.081(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.002(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.052(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.082(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.05(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD05A.08(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD05A.09(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD05A.10(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD05A.15(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD05A.18(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD06A(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD06A.05(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD06A.08(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD06A.09(II) (xxx = 260 - 325, in increments of 5)
60 cells: TSM-xxxDD05A.50(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.00S(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxDD05A.05S(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxDD05A.08S(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxDD05A.00M(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxDD05A.05M(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxDD05A.08M(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxDD05A.00U(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.05U(II) (xxx = 260 - 315, in increments of 5)
60 cells: TSM-xxxDD05A.08U(II) (xxx = 260 - 315, in increments of 5)
48 cells: TSM-xxxDC03 (xxx = 160 - 190, in increments of 5)
48 cells: TSM-xxxDC03.05 (xxx = 160 - 190, in increments of 5)
48 cells: TSM-xxxDC03.08 (xxx = 160 - 190, in increments of 5)
48 cells: TSM-xxxDC03A (xxx = 200 - 215, in increments of 5)
48 cells: TSM-xxxDC03A.05 (xxx = 200 - 215, in increments of 5)
48 cells: TSM-xxxDC03A.08 (xxx = 200 - 215, in increments of 5)
48 cells: TSM-xxxDC03A(II) (xxx = 210 - 250, in increments of 5)
48 cells: TSM-xxxDC03A.05(II) (xxx = 210 - 250, in increments of 5)
48 cells: TSM-xxxDC03A.08(II) (xxx = 210 - 250, in increments of 5)

Maximum system voltage:

1000V

Fuse rating:

15A or 20A or 30A

Application class:

Class A



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Electrical protection class: Class II

Module types:

Single Glass PV Modules with Poly-crystalline Silicon Solar Cells:

144 half-cut cells: TSM-xxxPE14H (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.08 (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.09 (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.10 (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.18 (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.08(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.09(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.10(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.18(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB.08 (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB.09 (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB(II) (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB.08(II) (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB.09(II) (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE15H (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15H.08 (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15H.09 (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15H.10 (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15H.18 (xxx = 305 - 405, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxPE15H(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15H.08(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15H.09(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15H.10(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15H.18(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE14HB (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE14HB.08 (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE14HB.09 (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE14HB(II) (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE14HB.08(II) (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE14HB.09(II) (xxx = 320 - 390, in increments of 5)
120 half-cut cells: TSM-xxxPE05H (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.08 (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.09 (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.10 (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.18 (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.50 (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.08(II) (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.09(II) (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.10(II) (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.18(II) (xxx = 260 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05H.50(II) (xxx = 260 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPE05HB (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05HB.08 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05HB.09 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05HB(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05HB(II).08 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE05HB(II).09 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPE06HB (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06HB.08 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06HB.09 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06HB(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06HB(II).08 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06HB(II).09 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.08 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.09 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.10 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.18 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.50 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.08(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.09(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.10(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06H.18(II) (xxx = 250 - 335, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxPE06H.50(II) (xxx = 250 - 335, in increments of 5)

72 cells: TSM-xxxPE14A (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.08 (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.09 (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.T0 (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.T8 (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.T9 (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.W (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14B (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14B.08 (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14B.09 (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14B(II) (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14B.08(II) (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE14B.09(II) (xxx = 305 - 360, in increments of 5)

72 cells: TSM-xxxPE15A (xxx = 290 - 345, in increments of 5)

72 cells: TSM-xxxPE15A.08 (xxx = 290 - 345, in increments of 5)

72 cells: TSM-xxxPE15A.09 (xxx = 290 - 345, in increments of 5)

72 cells: TSM-xxxPE15A.10 (xxx = 290 - 345, in increments of 5)

72 cells: TSM-xxxPE15A.18 (xxx = 290 - 345, in increments of 5)

60 cells: TSM-xxxPE05A (xxx = 240 - 300, in increments of 5)

60 cells: TSM-xxxPE05A.08 (xxx = 240 - 300, in increments of 5)

60 cells: TSM-xxxPE05A.09 (xxx = 240 - 300, in increments of 5)

60 cells: TSM-xxxPE05A.T0 (xxx = 240 - 300, in increments of 5)

60 cells: TSM-xxxPE05A.T8 (xxx = 240 - 300, in increments of 5)

60 cells: TSM-xxxPE05A.T9 (xxx = 240 - 300, in increments of 5)

60 cells: TSM-xxxPE06A (xxx = 240 - 290, in increments of 5)

60 cells: TSM-xxxPE06A.08 (xxx = 240 - 290, in increments of 5)

60 cells: TSM-xxxPE06A.09 (xxx = 240 - 290, in increments of 5)

60 cells: TSM-xxxPE06A.10 (xxx = 240 - 290, in increments of 5)

60 cells: TSM-xxxPE06A.18 (xxx = 240 - 290, in increments of 5)

60 cells: TSM-xxxPE06A.50 (xxx = 240 - 290, in increments of 5)

72 cells: TSM-xxxPE14A(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.08(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.09(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.10(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPE14A.18(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPE15A(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPE15A.08(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPE15A.09(II) (xxx = 300 - 360, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

72 cells: TSM-xxxPE15A.10(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPE15A.18(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPE15B(xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPE15B.08 (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPE15B.09 (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPE15B(II) (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPE15B.08(II) (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPE15B.09(II) (xxx = 305 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.08 (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.09 (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB(II) (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.08(II) (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.09(II) (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.T0 (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.T8(xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.T9 (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.T0(II) (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.T9(II) (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15HB.T8(II) (xxx = 320 - 390, in increments of 5)
144 half-cut cells: TSM-xxxPE15M (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15M.08 (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15M.09 (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15M.10 (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15M.18 (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15M(II) (xxx = 305 - 405, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxPE15M.08(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15M.09(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15M.10(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE15M.18(II) (xxx = 305 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPE17M (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.08 (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.09 (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M(II) (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.08(II) (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.09(II) (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.T0 (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.T8 (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.T9 (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.T0(II) (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.T8(II) (xxx = 320 - 445, in increments of 5)
144 half-cut cells: TSM-xxxPE17M.T9(II) (xxx = 320 - 445, in increments of 5)
60 cells: TSM-xxxPE05A(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE05A.08(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE05A.09(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE05A.10(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE05A.18(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE05A.50(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE06A(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE06A.08(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE06A.09(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE06A.10(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE06A.18(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPE06A.50(II) (xxx = 260 - 300, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxPE06M (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.08 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.09 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.10 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.18 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.50 (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.08(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.09(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.10(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.18(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE06M.50(II) (xxx = 250 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPE08M(II) (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.08(II) (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.09(II) (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.T0(II) (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.T8(II) (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.T9(II) (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.08 (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.09 (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.T0 (xxx = 270 - 365, in increments of 5)
120 half-cut cells: TSM-xxxPE08M.T8 (xxx = 270 - 365, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

	120 half-cut cells: TSM-xxxPE08M.T9 (xxx = 270 - 365, in increments of 5)
Maximum system voltage:	1500V
Fuse rating:	15A or 20A or 30A
Application class:	Class A
Electrical protection class:	Class II

Module types:

Single Glass PV Modules with Poly-crystalline Silicon Solar Cells:

72 cells: TSM-xxxPC14 (xxx = 250 - 345, in increments of 5)
72 cells: TSM-xxxPC14.002 (xxx = 270 - 320, in increments of 5)
72 cells: TSM-xxxPC14.052 (xxx = 270 - 320, in increments of 5)
72 cells: TSM-xxxPC14.50 (xxx = 250 - 345, in increments of 5)
72 cells: TSM-xxxPC14(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPC14.05(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPC14.08(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPC14.10(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPC14.15(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPC14.18(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPC14.50(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.08 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.09 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD15 (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD15.08 (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD15.09 (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD14.001 (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.051 (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.081 (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.002 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.052 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.082 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.10 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.15 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.18 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.50 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.00S (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.05S (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.08S (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.00S(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.05S(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.08S(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.00M (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.05M (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.08M (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.00M(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.05M(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.08M(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.00U (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.05U (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.08U (xxx = 260 - 325, in increments of 5)
72 cells: TSM-xxxPD14.09U (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD14.002 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.052 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14.082 (xxx = 260 - 345, in increments of 5)
72 cells: TSM-xxxPD14B (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD14.08B (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD14.09B (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD14(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.05(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.08(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.10(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.15(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.18(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.50(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14B(II) (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD14B.08(II) (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD14B.09(II) (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD15B (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD15B.08 (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD15B.09 (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD15B(II) (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD15B.08(II) (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD15B.09(II) (xxx = 305 - 360, in increments of 5)
72 cells: TSM-xxxPD14.00U(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.05U(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.08U(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.09U(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.00C (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.05C (xxx = 290 - 320, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

72 cells: TSM-xxxPD14.08C (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.10C (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.15C (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.18C (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.00C(II) (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.05C(II) (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.08C(II) (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.10C(II) (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.15C(II) (xxx = 290 - 320, in increments of 5)
72 cells: TSM-xxxPD14.18C(II) (xxx = 290 - 320, in increments of 5)
144 half-cut cells: TSM-xxxPD14H (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.05 (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.08 (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.09 (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.10 (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.18 (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14HB (xxx = 320 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPD14HB.08 (xxx = 320 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPD14HB.09 (xxx = 320 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPD15H (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15H.08 (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15H.09 (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15HB (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15HB.08 (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15HB.09 (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15M (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15M.08 (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15M.09 (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD14H(II) (xxx = 305 - 365, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

144 half-cut cells: TSM-xxxPD14H.05(II) (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.08(II) (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.09(II) (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H(II) (xxx = 320 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.08(II) (xxx = 320 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.09(II) (xxx = 320 - 360, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.10(II) (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD14H.18(II) (xxx = 305 - 365, in increments of 5)
144 half-cut cells: TSM-xxxPD15H(II) (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15H.08(II) (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15H.09(II) (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15HB(II) (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15HB.08(II) (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15HB.09(II) (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15M(II) (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15M.08(II) (xxx = 320 - 405, in increments of 5)
144 half-cut cells: TSM-xxxPD15M.09(II) (xxx = 320 - 405, in increments of 5)
72 cells: TSM-xxxPD14.001(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.051(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.081(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.002(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.052(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.082(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.05(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.08(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.09(II) (xxx = 300 - 360, in increments of 5)



72 cells: TSM-xxxPD15(II) (xxx = 305-360, in increments of 5)
72 cells: TSM-xxxPD15.08(II) (xxx = 305-360, in increments of 5)
72 cells: TSM-xxxPD15.09(II) (xxx = 305-360, in increments of 5)
72 cells: TSM-xxxPD14.10(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.15(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.18(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPD14.50(II) (xxx = 300 - 360, in increments of 5)
72 cells: TSM-xxxPC14A (xxx = 275 - 320, in increments of 5)
60 cells: TSM-xxxPC05 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05.08 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05.10 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05.18 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05A (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05A.05 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05A.08 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05A.10 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05A.15 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05A.18 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05A.50 (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05A.002 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPC05A.052 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPC05A.102 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPC05A.082 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPC05A.152 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPC05A.182 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPC05A.50 (xxx = 230 - 275, in increments of 5)
60 cells: TSM-xxxPC05A(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPC05.05(II) (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05.15(II) (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05.10(II) (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05.18(II) (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05.08 (II) (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05.50(II) (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05B (xxx = 200 - 290, in increments of 5)
60 cells: TSM-xxxPC05B(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05 (xxx = 215 - 290, in increments of 5)
60 cells: TSM-xxxPD05.05 (xxx = 215 - 290, in increments of 5)
60 cells: TSM-xxxPD05.08 (xxx = 215 - 290, in increments of 5)
60 cells: TSM-xxxPD05.09 (xxx = 215 - 290, in increments of 5)
60 cells: TSM-xxxPD05.10 (xxx = 215 - 290, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

60 cells: TSM-xxxPD05.15 (xxx = 215 - 290, in increments of 5)
60 cells: TSM-xxxPD05.18 (xxx = 215 - 290, in increments of 5)
60 cells: TSM-xxxPD05.50 (xxx = 215 - 290, in increments of 5)
60 cells: TSM-xxxPD06 (xxx = 255 - 300, in increments of 5)
60 cells: TSM-xxxPD06.08 (xxx = 255 - 300, in increments of 5)
60 cells: TSM-xxxPD06.09 (xxx = 255 - 300, in increments of 5)
60 cells: TSM-xxxPD05.001 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.051 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.081 (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.002 (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.052 (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.082 (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.102 (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.152 (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.182 (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.00S (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.05S (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.08S (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.00S(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.05S(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.08S(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.00M (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.05M (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.08M (xxx = 215 - 275, in increments of 5)
60 cells: TSM-xxxPD05.00M(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.05M(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.08M(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.00U (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.05U (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.08U (xxx = 215 - 300, in increments of 5)
60 cells: TSM-xxxPD05.00U(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.05U(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.08U(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.00C (xxx = 240 - 275, in increments of 5)
60 cells: TSM-xxxPD05.05C (xxx = 240 - 275, in increments of 5)
60 cells: TSM-xxxPD05.08C (xxx = 240 - 275, in increments of 5)
60 cells: TSM-xxxPD05.10C (xxx = 240 - 275, in increments of 5)
60 cells: TSM-xxxPD05.15C (xxx = 240 - 275, in increments of 5)
60 cells: TSM-xxxPD05.18C (xxx = 240 - 275, in increments of 5)
60 cells: TSM-xxxPD05.00C(II) (xxx = 245 - 275, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

60 cells: TSM-xxxPD05.05C(II) (xxx = 245 - 275, in increments of 5)
60 cells: TSM-xxxPD05.08C(II) (xxx = 245 - 275, in increments of 5)
60 cells: TSM-xxxPD05.10C(II) (xxx = 245 - 275, in increments of 5)
60 cells: TSM-xxxPD05.15C(II) (xxx = 245 - 275, in increments of 5)
60 cells: TSM-xxxPD05.18C(II) (xxx = 245 - 275, in increments of 5)
60 cells: TSM-xxxPD05.00D (xxx = 240 - 280, in increments of 5)
60 cells: TSM-xxxPD05.05D (xxx = 240 - 280, in increments of 5)
60 cells: TSM-xxxPD05.08D (xxx = 240 - 280, in increments of 5)
60 cells: TSM-xxxPD05.10D (xxx = 240 - 280, in increments of 5)
60 cells: TSM-xxxPD05.15D (xxx = 240 - 280, in increments of 5)
60 cells: TSM-xxxPD05.18D (xxx = 240 - 280, in increments of 5)
60 cells: TSM-xxxPD05.00D(II) (xxx = 245 - 280, in increments of 5)
60 cells: TSM-xxxPD05.05D(II) (xxx = 245 - 280, in increments of 5)
60 cells: TSM-xxxPD05.08D(II) (xxx = 245 - 280, in increments of 5)
60 cells: TSM-xxxPD05.10D(II) (xxx = 245 - 280, in increments of 5)
60 cells: TSM-xxxPD05.15D(II) (xxx = 245 - 280, in increments of 5)
60 cells: TSM-xxxPD05.18D(II) (xxx = 245 - 280, in increments of 5)
60 cells: TSM-xxxPD05.001(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.051(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.081(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.002(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.052(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.082(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.05(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.08(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.09(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.10(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.15(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.18(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD05.50(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPD06(II) (xxx = 255 - 300, in increments of 5)
60 cells: TSM-xxxPD06.08(II) (xxx = 255 - 300, in increments of 5)
60 cells: TSM-xxxPD06.09(II) (xxx = 255 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.05 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.08 (xxx = 250 - 300, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxPD05H.09 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.10 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.18 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.50 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD06H (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06H.08 (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06H.09 (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06M (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06M.08 (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06M.09 (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD05H(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.05(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.08(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.09(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.10(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.18(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05H.50(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD06H(II) (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06H.08(II) (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06H.09(II) (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06M(II) (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06M.08(II) (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06M.09(II) (xxx = 270 - 335, in increments of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

120 half-cut cells: TSM-xxxPD05HB (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05HB.05 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05HB.08 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05HB.09 (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05HB(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05HB.05(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05HB.08(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD05HB.09(II) (xxx = 250 - 300, in increments of 5)
120 half-cut cells: TSM-xxxPD06HB (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06HB.08 (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06HB.09 (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06HB(II) (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06HB.08(II) (xxx = 270 - 335, in increments of 5)
120 half-cut cells: TSM-xxxPD06HB.09(II) (xxx = 270 - 335, in increments of 5)
60 cells: TSM-xxxPC05A(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPC05A.05(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPC05A.08(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPC05A.10(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPC05A.15(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPC05A.18(II) (xxx = 260 - 300, in increments of 5)
60 cells: TSM-xxxPC05A.50(II) (xxx = 260 - 300, in increments of 5)
48 cells: TSM-xxxPC03 (xxx = 160 - 190, in increments of 5)
48 cells: TSM-xxxPC03.05 (xxx = 160 - 190, in increments of 5)
48 cells: TSM-xxxPC03.08 (xxx = 160 - 190, in increments of 5)
36 cells: TSM-xxxPC20 (xxx = 120 - 160, in increments of 5)
36 cells: TSM-xxxPC22 (xxx = 95 - 100, in increments of 5)
36 cells: TSM-xxxPC24 (xxx = 45 - 50, in increments of 5)
36 cells: TSM-xxxPC26 (xxx = 80 - 90, in increments of 5)

Maximum system voltage:

1000V

Fuse rating:

15A or 20A or 30A



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Certification Body
Consumer Products

Application class: Class A

Electrical protection class: Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in attachment of test report.



TÜV NORD CERT GmbH
Certification Body
Consumer Products