

CERTIFICATE

TÜV NORD CERT GmbH

herewith declares that

Sunrise energy Co., Ltd.

No.20 Tongzi River West Road, Zhonglou Development Zone
Changzhou Jiangsu, 213023
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells



Valid from: 2020-11-20

Valid until: 2025-11-19

Tested according to: P12.4-AA-02 Rev. 00
(IEC TS 62804-1:2015 modified)
Remark: Test temperature: 85°C;
Relative humidity: 85%;
Test duration: 96 hours.
Registered No.: 44 780 20 406749 - 228
Manufacturer: see Annex 1
Test Report No.: 492011562.001
File No.: PVP08038/20P-04



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2020-11-20

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: **44 780 20 406749 - 228**

Seite / Page **1 von / of 1**

Aktenzeichen: / File reference: **PVP08038/20P-04**

2020-11-20

Manufacturer:

Manufacturer: **Sunrise energy Co., Ltd.**
No.20 Tongzi River West Road, Zhonglou Development Zone,
Changzhou Jiangsu, 213023 P.R. China

Factory inspection report no.: **862010400.003**

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

A handwritten signature in blue ink, appearing to read "Rohm" or similar, written in a cursive style.

TÜV NORD CERT GmbH
Certification Body
Consumer Products

Description of product(s):

Module types:	PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells: 144 cells: SR-M672xxxHLP (xxx = 415 - 450, in increment of 5) 132 cells: SR-M666xxxHLP (xxx = 380 - 410, in increment of 5) 120 cells: SR-M660xxxHLP (xxx = 345 - 375, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



TÜV NORD CERT GmbH
Certification Body
Consumer Products

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Sunrise energy Co., Ltd.
No.20 Tongzi River West Road, Zhonglou Development Zone
Changzhou Jiangsu, 213023
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: 2023-04-06
Valid until: 2025-11-04

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.
Registered No.:	44 780 20 406749 - 218R5M5
Manufacturer:	see Annex 1
Test Report No.:	492011544.007
File No.:	PVP09016/22P-01



TÜV NORD CERT GmbH
Certification Body
Consumer Products



Essen, 2023-04-06

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 20 406749 - 218R5M5

Seite / Page 1 von / of 1

Aktenzeichen: / File reference: PVP09016/22P-01

2023-04-06

Manufacturer:

Manufacturer: **Sunrise energy Co., Ltd.**
No.20 Tongzi River West Road, Zhonglou Development Zone,
Changzhou Jiangsu, 213023 P.R. China

Factory inspection report no.: 862010400.005

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Description of product(s):

Module types:	PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells: 144 cells: SR-M672xxxHLP (xxx = 415 - 450, in increment of 5) 132 cells: SR-M666xxxHLP (xxx = 380 - 410, in increment of 5) 120 cells: SR-M660xxxHLP (xxx = 345 - 375, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	1600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Module types:	PV Modules with 7" Half-cut Mono-crystalline Silicon Solar Cells: 144 cells: SR-72MxxxHLPro (xxx = 530 - 560, in increment of 5) 132 cells: SR-66MxxxHLPro (xxx = 485 - 510, in increment of 5) 120 cells: SR-60MxxxHLPro (xxx = 440 - 465, in increment of 5) 108 cells: SR-54MxxxHLPro (xxx = 400 - 420, in increment of 5) 96 cells: SR-48MxxxHLPro (xxx = 355 - 370, in increment of 5) 84 cells: SR-42MxxxHLPro (xxx = 310 - 325, in increment of 5) 72 cells: SR-36MxxxHLPro (xxx = 265 - 280, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	25A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	1600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Module types:

PV Modules with 7" Half-cut TOPCon Mono-crystalline Silicon Solar Cells:

156 cells: SR-78MxxxNHLPro (xxx = 590 - 635, in increment of 5)

144 cells: SR-72MxxxNHLPro (xxx = 545 - 585, in increment of 5)

132 cells: SR-66MxxxNHLPro (xxx = 500 - 535, in increment of 5)

120 cells: SR-60MxxxNHLPro (xxx = 455 - 485, in increment of 5)

108 cells: SR-54MxxxNHLPro (xxx = 410 - 440, in increment of 5)

96 cells: SR-48MxxxNHLPro (xxx = 365 - 390, in increment of 5)

84 cells: SR-42MxxxNHLPro (xxx = 320 - 340, in increment of 5)

72 cells: SR-36MxxxNHLPro (xxx = 275 - 290, in increment of 5)

Maximum system voltage:

1500V

Fuse rating:

25A

Electrical protection class:

Class II

Pollution degree:

1

Material group:

I

Design load (positive / negative):

3600Pa / 1600Pa

Safety factors:

1.5

Fire safety class:

Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

**TÜV NORD CERT GmbH**
Certification Body
Consumer Products

Module types:	PV Modules with 8" Half-cut Mono-crystalline Silicon Solar Cells: 132 cells: SR-66MAXxxxH (xxx = 640 - 665, in increment of 5) 120 cells: SR-60MAXxxxH (xxx = 580 - 605, in increment of 5) 108 cells: SR-54MAXxxxH (xxx = 525 - 545, in increment of 5) 96 cells: SR-48MAXxxxH (xxx = 465 - 480, in increment of 5) 84 cells: SR-42MAXxxxH (xxx = 410 - 420, in increment of 5) 110 cells: SR-55MAXxxxH (xxx = 535 - 555, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	30A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	I
Design load (positive / negative):	1600Pa / 1600Pa
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



TÜV NORD CERT GmbH
Certification Body
Consumer Products

Certificate of conformity with the following European Directives

Registered No.:
44 799 23 406749 - 080

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2022-09-01	PVP9016/22P-01	492011544.007	2023-04-06	Essen

This is to certify that the following products comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Type designation: See Annex 1

Applicant: **Sunrise energy Co., Ltd.**
No.20 Tongzi River West Road, Zhonglou Development Zone,
Changzhou Jiangsu, 213023 P.R. China

Standard(s): EN IEC 61730-1:2018; EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018; EN IEC 61730-2:2018/AC:2018-06

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.



Certification Body
Specialist Manager Consumer Products

TÜV NORD CERT GmbH
Am TÜV 1
D-45307 Essen
P.O.Box 10 32 61
D-45032 Essen
Fon: +49 (0)201 825-5120
Fax: +49 (0)201 825-3209
Email: prodcert@tuev-nord.de

Description of product(s):

Module types: **PV Modules with 6" Half-cut Mono-crystalline Silicon Solar Cells:**
144 cells: SR-M672xxxHLP (xxx = 415 - 450, in increment of 5)
132 cells: SR-M666xxxHLP (xxx = 380 - 410, in increment of 5)
120 cells: SR-M660xxxHLP (xxx = 345 - 375, in increment of 5)

Module types: **PV Modules with 7" Half-cut Mono-crystalline Silicon Solar Cells:**
144 cells: SR-72MxxxHLPro (xxx = 530 - 560, in increment of 5)
132 cells: SR-66MxxxHLPro (xxx = 485 - 510, in increment of 5)
120 cells: SR-60MxxxHLPro (xxx = 440 - 465, in increment of 5)
108 cells: SR-54MxxxHLPro (xxx = 400 - 420, in increment of 5)
96 cells: SR-48MxxxHLPro (xxx = 355 - 370, in increment of 5)
84 cells: SR-42MxxxHLPro (xxx = 310 - 325, in increment of 5)
72 cells: SR-36MxxxHLPro (xxx = 265 - 280, in increment of 5)

Module types: **PV Modules with 7" Half-cut TOPCon Mono-crystalline Silicon Solar Cells:**
156 cells: SR-78MxxxNHLPro (xxx = 590 - 635, in increment of 5)
144 cells: SR-72MxxxNHLPro (xxx = 545 - 585, in increment of 5)
132 cells: SR-66MxxxNHLPro (xxx = 500 - 535, in increment of 5)
120 cells: SR-60MxxxNHLPro (xxx = 455 - 485, in increment of 5)
108 cells: SR-54MxxxNHLPro (xxx = 410 - 440, in increment of 5)
96 cells: SR-48MxxxNHLPro (xxx = 365 - 390, in increment of 5)
84 cells: SR-42MxxxNHLPro (xxx = 320 - 340, in increment of 5)
72 cells: SR-36MxxxNHLPro (xxx = 275 - 290, in increment of 5)



TÜV NORD CERT GmbH
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Consumer Products

Module types:

PV Modules with 8" Half-cut Mono-crystalline Silicon Solar Cells:

132 cells: SR-66MAXxxxH (xxx = 640 - 665, in increment of 5)

120 cells: SR-60MAXxxxH (xxx = 580 - 605, in increment of 5)

108 cells: SR-54MAXxxxH (xxx = 525 - 545, in increment of 5)

96 cells: SR-48MAXxxxH (xxx = 465 - 480, in increment of 5)

84 cells: SR-42MAXxxxH (xxx = 410 - 420, in increment of 5)

110 cells: SR-55MAXxxxH (xxx = 535 - 555, in increment of 5)

100 cells: SR-50MAXxxxH (xxx = 485 - 500, in increment of 5)

90 cells: SR-45MAXxxxH (xxx = 435 - 450, in increment of 5)

80 cells: SR-40MAXxxxH (xxx = 390 - 400, in increment of 5)

70 cells: SR-35MAXxxxH (xxx = 340 - 350, in increment of 5)



TÜV NORD CERT GmbH
Certification Body
Consumer Products



兹证明

江苏昊宇光伏科技有限公司

统一社会信用代码: 913204040844099962

经营地址: 江苏省常州市钟楼区童子河西路 20 号

注册地址: 江苏省常州市钟楼区童子河西路 20 号

的质量管理体系适用于

晶体硅太阳能光伏电池组件的生产和销售

已经 NQA 根据标准

ISO 9001:2015

审核和注册

注册要求组织必须按照上述标准保持其质量管理体系, 并由 NQA 进行监督。

获证组织必须定期接受监督审核并经审核合格, 此证书方继续有效。

本证书信息可在国家认证认可监督管理委员会官方网站, (www.cnca.gov.cn) 上查询

SNQA 查询网站: www.snqa.com.cn

总经理

证书号: **46589**

初次发证日期:	2019 年 07 月 01 日
上一认证周期:	2022 年 07 月 01 日
本次审核日期:	2022 年 06 月 20 日
本次发证日期:	2022 年 08 月 18 日
证书有效期至:	2025 年 07 月 01 日
EAC 代码:	19



0015





This is to certify that the Quality Management System of

Sunrise Energy Co., Ltd.

Unified Social Credit Code: 913204040844099962

Operation Address: No.20, Tongzihe West Road, Zhonglou District, Changzhou City, Jiangsu Province, China

Registered Address: No.20, Tongzihe West Road, Zhonglou District, Changzhou City, Jiangsu Province, China

applicable to

Production and sales of crystalline silicon solar photovoltaic modules

has been assessed and registered by NQA against the provisions of

ISO 9001:2015

This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA.

Certified Clients shall accept regular surveillance assessments, the validity of certificates shall be maintained for the positive result of audit.

The information of this certificate can be checked on CNCA's website (www.cnca.gov.cn)

SNQA's website: www.snqa.com.cn

Managing Director

Certificate Number: **46589**

Issue Date: 01 July 2019

Previous Certificate Expiry: 01 July 2022

The Latest Audit Date: 20 June 2022

Reissue Date: 18 August 2022

Valid Until: 01 July 2025

EAC Code: 19



0015





兹证明

江苏昊宇光伏科技有限公司

统一社会信用代码: 913204040844099962

经营地址: 江苏省常州市钟楼区童子河西路 20 号

注册地址: 江苏省常州市钟楼区童子河西路 20 号

的环境管理体系适用于

晶体硅太阳能光伏电池组件的生产和销售

已经 NQA 根据标准

ISO 14001:2015

审核和注册

注册要求组织必须按照上述标准保持其环境管理体系, 并由 NQA 进行监督。

获证组织必须定期接受监督审核并经审核合格, 此证书方继续有效。

本证书信息可在国家认证认可监督管理委员会官方网站 (www.cnca.gov.cn) 上查询

SNQA 查询网站: www.snqa.com.cn

总经理

证书号: **46590**

初次发证日期:	2019 年 07 月 01 日
上一认证周期:	2022 年 07 月 01 日
本次审核日期:	2022 年 06 月 20 日
本次发证日期:	2022 年 08 月 18 日
证书有效期至:	2025 年 07 月 01 日
EAC 代码:	19



0015





This is to certify that the Environmental Management System of

Sunrise Energy Co., Ltd.

Unified Social Credit Code: 913204040844099962

Operation Address: No.20, Tongzihe West Road, Zhonglou District, Changzhou City, Jiangsu Province, China

Registered Address: No.20, Tongzihe West Road, Zhonglou District, Changzhou City, Jiangsu Province, China

applicable to

Production and sales of crystalline silicon solar photovoltaic modules

has been assessed and registered by NQA against the provisions of

ISO 14001:2015

This registration is subject to the company maintaining an environmental management system, to the above standard, which will be monitored by NQA.

Certified Clients shall accept regular surveillance assessments, the validity of certificates shall be maintained for the positive result of audit.

The information of this certificate can be checked on CNCA's website (www.cnca.gov.cn)

SNQA's website: www.snqa.com.cn

Managing Director

Certificate Number: **46590**



0015



Issue Date: 01 July 2019
Previous Certificate Expiry: 01 July 2022
The Latest Audit Date: 20 June 2022
Reissue Date: 18 August 2022
Valid Until: 01 July 2025
EAC Code: 19



The use of the UKAS Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 015 held by NQA.

NQA is a trading name of NQA Certification Limited, Registration No 09351758. Registered Office: Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX, UK.

This certificate is the property of NQA and must be returned on request.

Shanghai NQA Certification Co., Ltd. Address: Room 2201, 958 Lujiazui Ring Road, China (Shanghai) Pilot Free Trade Zone.



兹证明

江苏昊宇光伏科技有限公司

统一社会信用代码: 913204040844099962

经营地址: 江苏省常州市钟楼区童子河西路 20 号

注册地址: 江苏省常州市钟楼区童子河西路 20 号

的职业健康安全管理体系适用于

晶体硅太阳能光伏电池组件的生产和销售

已经 NQA 根据标准

ISO 45001:2018

审核和注册

注册要求组织必须按照上述标准保持其职业健康安全管理体系, 并由 NQA 进行监督。

获证组织必须定期接受监督审核并经审核合格, 此证书方继续有效。

本证书信息可在国家认证认可监督管理委员会官方网站 (www.cnca.gov.cn) 上查询

SNQA 查询网站: www.snqa.com.cn

总经理

证书号: **H2794**

初次发证日期:	2019 年 07 月 01 日
上一认证周期:	2022 年 07 月 01 日
本次审核日期:	2022 年 06 月 20 日
本次发证日期:	2022 年 08 月 18 日
证书有效期至:	2025 年 07 月 01 日
EAC 代码:	19



0015





This is to certify that the Occupational Health and Safety Management System of

Sunrise Energy Co., Ltd.

Unified Social Credit Code: 913204040844099962

Operation Address: No.20, Tongzihe West Road, Zhonglou District, Changzhou City, Jiangsu Province, China

Registered Address: No.20, Tongzihe West Road, Zhonglou District, Changzhou City, Jiangsu Province, China

applicable to

Production and sales of crystalline silicon solar photovoltaic modules

has been assessed and registered by NQA against the provisions of

ISO 45001:2018

This registration is subject to the company maintaining an occupational health and safety management system, to the above standard, which will be monitored by NQA.

Certified Clients shall accept regular surveillance assessments, the validity of certificates shall be maintained for the positive result of audit.

The information of this certificate can be checked on CNCA's website (www.cnca.gov.cn)

SNQA's website: www.snqa.com.cn

N. Wang

Managing Director

Certificate Number: **H2794**

Issue Date: 01 July 2019

Previous Certificate Expiry: 01 July 2022

The Latest Audit Date: 20 June 2022

Reissue Date: 18 August 2022

Valid Until: 01 July 2025

EAC Code: 19



0015





CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

CERTIFICATE NO.: CQC18024209762

Valid from: Dec.31,2021

Valid until:long-term

NAME AND REGISTERED ADDRESS OF THE APPLICANT	Sunrise energy Co., Ltd. No.20 Tongzi River West Road, Zhonglou Development Zone, Changzhou Jiangsu, 213023 P.R. China
NAME AND REGISTERED ADDRESS OF THE MANUFACTURER	Sunrise energy Co., Ltd. No.20 Tongzi River West Road, Zhonglou Development Zone, Changzhou Jiangsu, 213023 P.R. China
NAME AND LOCATION OF THE FACTORY	Sunrise energy Co., Ltd. No.20 Tongzi River West Road, Zhonglou Development Zone, Changzhou Jiangsu, 213023 P.R. China
PRODUCT NAME, MODEL AND SPECIFICATION	Mono-crystalline Silicon PV Modules See Appendix
THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS	IEC61215-1:2016;IEC61215-1-1:2016;IEC61215-2:2016
TYPE OF CERTIFICATION SCHEMES	Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC33-471541-2017.

Date of original issued: Dec.11,2018

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body.

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

谢肇煦



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 1 of 8

CERTIFICATE NO.: CQC18024209762

PAPER:

组件型号	Voc [V]	Vmp[V]	Isc [A]	Imp[A]	Pmax [W]	系统电压 [V]	额定熔断电流[A]
SR-M672320	46.43	37.21	9.12	8.60	320	1000	20
SR-M672325	46.57	37.32	9.24	8.71	325	1000	20
SR-M672330	46.70	37.42	9.36	8.82	330	1000	20
SR-M672335	46.76	37.50	9.38	8.94	335	1000	20
SR-M672340	46.86	37.58	9.49	9.05	340	1000	20
SR-M672345	46.97	37.67	9.61	9.16	345	1000	20
SR-M672350	47.07	37.75	9.73	9.28	350	1000	20
SR-M672355	47.18	37.84	9.85	9.39	355	1000	20
SR-M672360	47.31	37.94	9.96	9.49	360	1000	20
SR-M660265	38.29	30.96	9.04	8.56	265	1000	20
SR-M660270	38.48	31.11	9.17	8.68	270	1000	20
SR-M660275	38.65	31.25	9.31	8.81	275	1000	20
SR-M660280	38.76	31.34	9.47	8.94	280	1000	20
SR-M660285	38.86	31.42	9.59	9.08	285	1000	20

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 2 of 8

CERTIFICATE NO.: CQC18024209762

PAPER:

SR-M660290	38.96	31.50	9.73	9.21	290	1000	20
SR-M660295	39.05	31.57	9.88	9.35	295	1000	20
SR-M660300	39.13	31.64	10.02	9.49	300	1000	20
SR-M672370HL	48.07	39.95	9.74	9.27	370	1000	15
SR-M672375HL	48.42	40.24	9.79	9.32	375	1000	15
SR-M672380HL	48.77	40.53	9.86	9.38	380	1000	15
SR-M672385HL	49.12	40.82	9.92	9.44	385	1000	15
SR-M672390HL	49.31	41.11	10.12	9.49	390	1000	15
SR-M672395HL	49.52	41.42	10.22	9.54	395	1000	15
SR-M672400HL	49.81	41.71	10.36	9.60	400	1000	15
SR-M672405HL	50.54	42.00	10.14	9.65	405	1000	15
SR-M660310HL	40.54	33.11	9.92	9.37	310	1000	15
SR-M660315HL	40.76	33.32	9.97	9.46	315	1000	15
SR-M660320HL	41.03	33.51	10.11	9.55	320	1000	15
SR-M660325HL	41.25	33.72	10.16	9.64	325	1000	15
SR-M660330HL	41.43	33.91	10.28	9.74	330	1000	15
SR-M660335HL	41.65	34.12	10.31	9.82	335	1000	15
SR-M672415HLP	48.01	39.30	11.16	10.56	415	1500	25

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 3 of 8

CERTIFICATE NO.: CQC18024209762

PAPER:

SR-M672420HLP	48.27	39.51	11.24	10.64	420	1500	25
SR-M672425HLP	48.52	39.72	11.32	10.71	425	1500	25
SR-M672430HLP	48.78	39.93	11.38	10.77	430	1500	25
SR-M672435HLP	49.04	40.14	11.46	10.84	435	1500	25
SR-M672440HLP	49.29	40.35	11.53	10.91	440	1500	25
SR-M672445HLP	49.55	40.56	11.60	10.98	445	1500	25
SR-M672450HLP	49.81	40.77	11.68	11.05	450	1500	25
SR-M666380HLP	44.15	36.47	11.01	10.42	380	1500	25
SR-M666385HLP	44.40	36.68	11.10	10.50	385	1500	25
SR-M666390HLP	44.66	36.89	11.18	10.58	390	1500	25
SR-M666395HLP	44.91	37.10	11.25	10.65	395	1500	25
SR-M666400HLP	45.17	37.31	11.34	10.73	400	1500	25
SR-M666405HLP	45.42	37.52	11.41	10.80	405	1500	25
SR-M666410HLP	45.67	37.73	11.49	10.87	410	1500	25
SR-M660345HLP	40.28	33.09	10.94	10.43	345	1500	25
SR-M660350HLP	40.52	33.29	11.04	10.52	350	1500	25
SR-M660355HLP	40.72	33.49	11.12	10.61	355	1500	25
SR-M660360HLP	40.92	33.69	11.22	10.69	360	1500	25

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CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 4 of 8

CERTIFICATE NO.: CQC18024209762

PAPER:

SR-M660365HLP	41.12	33.89	11.30	10.78	365	1500	25
SR-M660370HLP	41.32	34.09	11.39	10.86	370	1500	25
SR-M660375HLP	41.56	34.29	11.46	10.94	375	1500	25
SR-72M555HLPPro	49.35	41.12	13.92	13.50	555	1500	25
SR-72M550HLPPro	49.19	40.99	13.84	13.43	550	1500	25
SR-72M545HLPPro	49.04	40.86	13.76	13.34	545	1500	25
SR-72M540HLPPro	48.88	40.73	13.68	13.26	540	1500	25
SR-72M535HLPPro	48.73	40.60	13.59	13.18	535	1500	25
SR-72M530HLPPro	48.57	40.47	13.51	13.10	530	1500	25
SR-66M485HLPPro	44.61	37.17	13.46	13.05	485	1500	25
SR-66M490HLPPro	44.77	37.30	13.55	13.14	490	1500	25
SR-66M495HLPPro	44.92	37.43	13.64	13.23	495	1500	25
SR-66M500HLPPro	45.08	37.56	13.74	13.32	500	1500	25
SR-66M505HLPPro	45.23	37.69	13.82	13.40	505	1500	25
SR-60M440HLPPro	41.06	34.21	13.27	12.87	440	1500	25
SR-60M445HLPPro	41.12	34.26	13.40	12.99	445	1500	25
SR-60M450HLPPro	41.18	34.31	13.53	13.12	450	1500	25
SR-60M455HLPPro	41.24	34.36	13.66	13.25	455	1500	25

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CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 5 of 8

CERTIFICATE NO.: CQC18024209762

PAPER:

SR-60M460HLPro	41.30	34.41	13.79	13.37	460	1500	25
SR-54M400HLPro	37.01	30.55	13.79	13.10	400	1500	25
SR-54M405HLPro	37.24	30.74	13.86	13.17	405	1500	25
SR-54M410HLPro	37.47	30.93	13.96	13.26	410	1500	25
SR-54M415HLPro	37.70	31.12	14.04	13.34	415	1500	25
SR-48M355HLPro	33.40	27.57	13.56	12.88	355	1500	25
SR-48M360HLPro	33.63	27.76	13.65	12.97	360	1500	25
SR-48M365HLPro	33.86	27.95	13.75	13.06	365	1500	25
SR-48M370HLPro	34.09	28.14	13.84	13.15	370	1500	25
SR-42M310HLPro	29.75	24.56	13.29	12.63	310	1500	25
SR-42M315HLPro	29.98	24.75	13.40	12.73	315	1500	25
SR-42M320HLPro	30.21	24.94	13.52	12.84	320	1500	25
SR-36M265HLPro	26.16	21.60	12.92	12.27	265	1500	25
SR-36M270HLPro	26.38	21.78	13.05	12.40	270	1500	25
SR-36M275HLPro	26.60	21.96	13.19	12.53	275	1500	25
SR-66MAX665H	45.49	37.42	18.64	17.78	665	1500	30
SR-66MAX660H	45.23	37.21	18.60	17.74	660	1500	30
SR-66MAX655H	44.98	37.00	18.57	17.71	655	1500	30

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CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 6 of 8

CERTIFICATE NO.: CQC18024209762

PAPER:

SR-66MAX650H	44.72	36.79	18.52	17.67	650	1500	30
SR-66MAX645H	44.47	36.58	18.49	17.64	645	1500	30
SR-66MAX640H	44.21	36.37	18.45	17.60	640	1500	30
SR-60MAX605H	41.74	34.63	18.56	17.48	605	1500	30
SR-60MAX600H	41.48	34.42	18.52	17.44	600	1500	30
SR-60MAX595H	41.23	34.21	18.47	17.40	595	1500	30
SR-60MAX590H	40.98	34.00	18.43	17.36	590	1500	30
SR-60MAX585H	40.72	33.79	18.39	17.32	585	1500	30
SR-60MAX580H	40.47	33.58	18.35	17.28	580	1500	30
SR-54MAX545H	38.28	31.76	18.22	17.16	525	1500	30
SR-54MAX540H	38.02	31.55	18.18	17.12	530	1500	30
SR-54MAX535H	37.77	31.34	18.13	17.08	535	1500	30
SR-54MAX530H	37.52	31.13	18.08	17.03	540	1500	30
SR-54MAX525H	37.26	30.92	18.05	17.00	545	1500	30
SR-48MAX480H	33.19	27.54	18.51	17.43	465	1500	30
SR-48MAX475H	32.94	27.33	18.46	17.39	470	1500	30
SR-48MAX470H	32.69	27.12	18.41	17.34	475	1500	30
SR-48MAX465H	32.43	26.91	18.36	17.29	480	1500	30

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CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 7 of 8

CERTIFICATE NO.: CQC18024209762

PAPER:

SR-42MAX420H	29.44	24.43	18.26	17.20	410	1500	30
SR-42MAX415H	29.19	24.22	18.20	17.14	415	1500	30
SR-42MAX410H	28.94	24.01	18.15	17.09	420	1500	30
SR-55MAX535H	36.54	30.32	18.74	17.65	535	1500	30
SR-55MAX540H	36.79	30.53	18.78	17.69	540	1500	30
SR-55MAX545H	37.05	30.74	18.82	17.73	545	1500	30
SR-55MAX550H	37.30	30.95	18.88	17.78	550	1500	30
SR-55MAX555H	37.55	31.16	18.92	17.82	555	1500	30
SR-50MAX485H	33.26	27.60	18.67	17.58	485	1500	30
SR-50MAX490H	33.52	27.81	18.72	17.63	490	1500	30
SR-50MAX495H	33.77	28.02	18.76	17.67	495	1500	30
SR-50MAX500H	34.02	28.23	18.81	17.72	500	1500	30
SR-45MAX435H	30.33	25.17	18.36	17.29	435	1500	30
SR-45MAX440H	30.59	25.38	18.41	17.34	440	1500	30
SR-45MAX445H	30.84	25.59	18.47	17.40	445	1500	30
SR-45MAX450H	31.09	25.80	18.53	17.45	450	1500	30
SR-40MAX390H	28.92	24.00	17.26	16.26	390	1500	30
SR-40MAX395H	29.18	24.21	17.33	16.32	395	1500	30

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CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 8 of 8

CERTIFICATE NO.: CQC18024209762

PAPER:

SR-40MAX400H	29.43	24.42	17.40	16.39	400	1500	30
SR-35MAX340H	24.74	20.53	17.59	16.57	340	1500	30
SR-35MAX345H	25.00	20.74	17.67	16.64	345	1500	30
SR-35MAX350H	25.25	20.95	17.74	16.71	350	1500	30

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CHINA QUALITY CERTIFICATION CENTRE