

TIGER Neo

66HL4M-BDV

605-630 Watt

BIFACIAL MODULE WITH DUAL GLASS

N-type



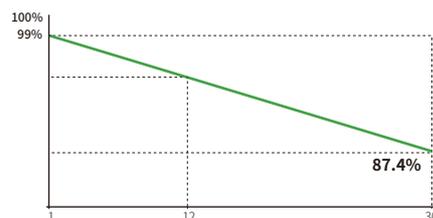
N-Type Technology

N-Type modules with Tunnel Oxide Passivating Contacts (TOPCon) technology offer lower LID/LeTID degradation and better low light performance.



HOT 3.0 Technology

N-type modules with JinkoSolar's HOT 3.0 technology offer better reliability and efficiency.



Dual-Sided Power Generation

Dual-sided power generation gain increases with backside exposure to light, significantly reducing LCOE.



Mechanical Load Enhanced

Certified to withstand:
5400 Pa front side max static test load
2400 Pa rear side max static test load

12 Year Product Warranty | **30 Year** Linear Power Warranty | **1%** First-year Degradation | **0.40%** Annual Degradation Over 30 Years

- IEC61215:2021 / IEC61730:2023
- IEC61701 / IEC62716 / IEC60068 / IEC62804
- ISO9001:2015: Quality Management System
- ISO14001:2015: Environment Management System
- ISO45001:2018: Occupational health and safety management systems



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



Anti-PID Guarantee

Minimizes the chance of degradation caused by PID phenomena through optimization of cell production technology and material control.



JKM605-630N-66HL4M-BDV-F4-EU

66HL4M-BDV 605-630 Watt

Mechanical Characteristics

Cell Type	N- type Mono-crystalline
No. of cells	132 (66×2)
Dimensions	2382×1134×30 mm
Weight	32.4 kg
Front Glass	2.0 mm, Anti-reflection Coating
Back Glass	2.0 mm, Heat Strengthened Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Protection Class	Class II
IEC Fire Type	Class C
Connector Type	JK03M / JK03M2 / Others*
Output Cables (Including Connector)	4.0 mm ² (+): 400 mm , (-): 200 mm or Customized Length

* MC4 and MC4-EVO2 available upon request and subject to availability

Packaging Configuration

Pallet Dimensions	2396×1110×1251 mm
Packing Detail (Two pallets = One stack)	36 pcs/pallets, 72 pcs/stack, 720 pcs/ 40'HQ Container

Specifications (STC)

Maximum Power - Pmax [Wp]	605	610	615	620	625	630
Maximum Power Voltage - Vmp [V]	40.31	40.46	40.60	40.74	40.88	41.02
Maximum Power Current - Imp [A]	15.01	15.08	15.15	15.22	15.29	15.36
Open-circuit Voltage - Voc [V]	48.48	48.68	48.88	49.08	49.28	49.48
Short-circuit Current - Isc [A]	15.90	15.96	16.02	16.08	16.14	16.20
Module Efficiency STC [%]	22.40	22.58	22.77	22.95	23.14	23.32
Power Sorting	0 ~ + 3 %					
Temperature Coefficient of Pmax	-0.29 %/°C					
Temperature Coefficient of Voc	-0.25 %/°C					
Temperature Coefficient of Isc	0.045 %/°C					

STC: Irradiance 1000W/m², Cell Temperature 25°C, AM=1.5

Specifications (BNPI)

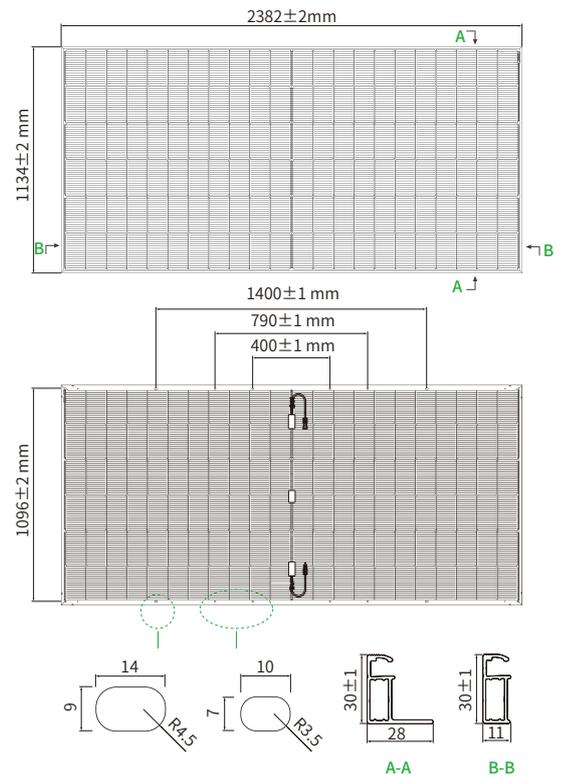
Maximum Power - Pmax [Wp]	668	674	679	685	690	696
Maximum Power Voltage - Vmp [V]	40.29	40.46	40.59	40.75	40.88	41.04
Maximum Power Current - Imp [A]	16.58	16.66	16.73	16.81	16.88	16.95
Open-circuit Voltage - Voc [V]	48.46	48.66	48.86	49.06	49.26	49.46
Short-circuit Current - Isc [A]	17.56	17.64	17.70	17.77	17.83	17.90

BNPI: Irradiance: front 1000W/m², rear 135W/m², Cell Temperature 25°C, AM=1.5

Application Conditions

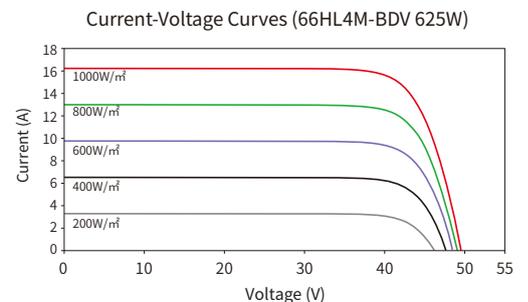
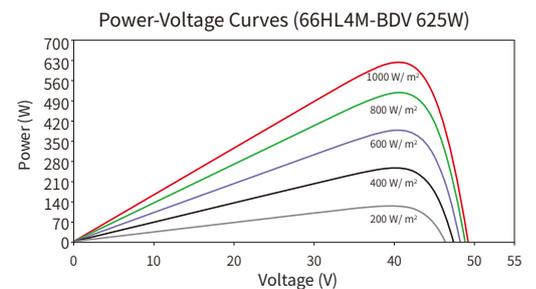
Operating Temperature	-40 °C ~ +70 °C
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	35 A
Bifaciality Coefficients	φVoc: 98 ± 5 %, φIsc: 80 ± 5 %, φPmax: 80 ± 5 %

Engineering Drawings



Note: For specific dimensions and tolerance ranges, please refer to the corresponding detailed module drawings.

Electrical Performance





Product Service

CERTIFICATE

No. Z2 118443 0037 Rev. 07

Holder of Certificate: **Jinko Solar Co., Ltd.**
No.1, Yingbin Road, Economic Development Zone
334100 Shangrao City, Jiangxi
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-Crystalline Silicon Photovoltaic Module

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.: 704062307437-07

Valid until: 2029-07-02

Date, 2024-09-27

(Zhulin Zhang)

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT



Product Service

CERTIFICATE

No. Z2 118443 0037 Rev. 07

Model(s):

JKMxxxN-78HL4-BDV, JKMxxxN-78HL4-BDV-J
(xxx=600-665, in steps of 5);
JKMxxxN-72HL4-BDV, JKMxxxN-72HL4-BDV-J,
JKMxxxN-72HL4-BDV-U, JKMxxxN-72HL4-BDX
(xxx=560-610, in steps of 5);
JKBSxxxN-48HL4-BDV (xxx=375-390, in steps of 5);
JKMxxxM-72HL4-BDVP, JKMxxxM-72HL4-BDVP-J
(xxx=540-560, in steps of 5);
JKMxxxN-66HL4M-BDV, JKMxxxN-66HL4M-BDX
(xxx=590-635, in steps of 5);
JKMxxxN-54HL4R-BDV, JKMxxxN-54HL4R-BDB
(xxx=420-460, in steps of 5)
JKxxxN-66H5-BGV, JKMxxxN-66HL5-BDV
(xxx=685-730, in steps of 5)
JKBSxxxN-48HL4-BDVW (xxx=370-390, in steps of 5)
xxx is standing for rated output power at STC

Parameters:

Fire Safety Class: Class C according to UL790
Safety Class: Class II
Max. System Voltage: 1500V DC
Construction: Framed or frameless double glass with
Junction box, cable and connector.

Production

Facility(ies):

074043, 105416, 115863, 115864, 115876
118443, 116025, 119488, 075612, 121280,
115860, 115862, 122742, 118612, 119487,
125355, 120017, 124145

Tested according to:

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1:2021
EN IEC 61215-1-1:2021
EN IEC 61215-2:2021
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

SG5.0/6.0/7.0/8.0/10/12RT

Multi-MPPT String Inverter for 1000 Vdc System



☀️ HIGH YIELD

- Lower startup & wider MPPT voltage
- Compatible with bifacial modules
- Built-in PID recovery function

💡 SMART MANAGEMENT

- Smart IV curve scanning
- 24 / 7 Live monitoring
- Remote firmware updates

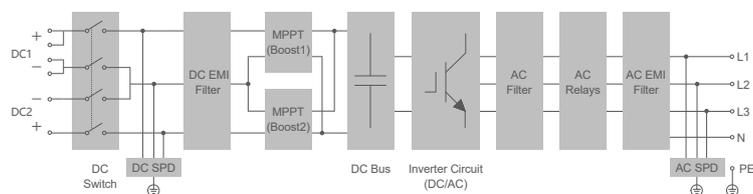
🛡️ SAFE AND DURABLE

- Quick arc fault circuit interrupter
- Build-in Type II DC & AC SPD
- High anti-corrosion rating C5

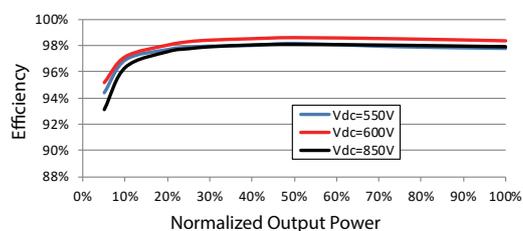
⚙️ EASY AND USER FRIENDLY

- 18 kg compact design
- Unique push-in connectors
- Fast and easy commissioning via App

CIRCUIT DIAGRAM(SG10RT)



EFFICIENCY CURVE



Type designation	SG5.0RT	SG6.0RT	SG7.0RT	SG8.0RT	SG10RT	SG12RT
Input (DC)						
Recommended max. PV input power	7.5 kWp	9.0 kWp	10.5kWp	12 kWp	15 kWp	18 kWp
Max. PV input voltage	1100 V *					
Min. PV input voltage / Start-up input voltage	180V / 180V					
Rated input voltage	600 V					
MPP voltage range	160 V – 1000 V					
No. of independent MPP inputs	2					
No. of PV strings per MPPT	1/1	1/1	2/1	2/1	2/1	2/1
Max. PV input current	25 A (12.5 A / 12.5 A)		37.5 A (25 A / 12.5 A)			
Max. DC short-circuit current	32 A (16 A / 16 A)		48 A (32 A / 16 A)			
Max. current for DC connector	30 A					
Output (AC)						
Rated AC output power	5000 W	6000 W	7000 W	8000 W	10000 W	12000 W
Max. AC output apparent power	5500 VA**	6600 VA**	7700 VA**	8800 VA**	11000 VA**	13200 VA**
Rated AC output apparent power	5500 VA**	6600 VA**	7700 VA**	8800 VA**	11000 VA**	13200 VA**
Max. AC output current	8.3 A	10 A	11.7 A	13.3 A	16.7 A***	20 A
Rated AC output current(at 230V)	7.2 A	8.7 A	10.1 A	11.6 A	14.5 A	17.4 A
Rated AC voltage	3 / N / PE, 220 / 380 V 3 / N / PE, 230 / 400 V 3 / N / PE, 240 / 415 V					
AC voltage range	180V – 276V / 311V - 478V					
Rated grid frequency	50 Hz / 60 Hz					
Grid frequency range	45 – 55 Hz / 55 – 65 Hz					
Harmonic (THD)	<3 % (at rated power)					
Power factor at Rated power / Adjustable power factor	>0.99/0.8 leading – 0.8 lagging					
Feed-in phases / Connection phases	3 / 3-PE					
Efficiency						
Max. efficiency	98.40%	98.40%	98.40%	98.50%	98.50%	98.50%
European efficiency	97.40%	97.40%	97.70%	97.80%	97.90%	97.90%
Protection&Function						
Grid monitoring	Yes					
DC reverse connection protection	Yes					
AC short-circuit protection	Yes					
Leakage current protection	Yes					
Surge Protection	DC Type II / AC Type II					
Ground fault monitoring	Yes					
DC switch	Yes					
PV String current monitoring	Yes					
Arc fault circuit interrupter (AFCI)	Yes					
PID recovery function	Yes					
General Data						
Dimensions (W*H*D)	370*480*195 mm					
Weight	18 kg					
Mounting method	Wall-mounting bracket					
Topology	Transformerless					
Degree of protection	IP65					
Night power consumption	< 6 W					
Corrosion	C5					
Operating ambient temperature range	-25 °C to 60 °C					
Allowable relative humidity range (non-condensing)	0% – 100%					
Cooling method	Natural cooling					
Max. operating altitude	4000 m					
Display	LED					
Communication	WLAN / Ethernet / RS485 / DI / DO					
DC connection type	MC4 (Max. 6 mm ²)					
AC connection type	Plug and play					
Grid Compliance	IEC / EN 61000-6-1/2/3/4, IEC 61000-3-2/3/11/12, IEC / EN62109-1/2, IEC 61727, IEC 62116, IEC 61683, IEC 60068-2-1/2/14/30/64/27, IEC TS 62910, EN50530, AS/NZS 4777.2:2020, VDE-AR-N-4105, DIN VDE0126-1-1/A1, EN50549-1, DEWA, VFR 2019, UTE C15-712-1, PSE NC RfG, UNE 206006/7 IN, MEA/PEA, G98, UNE 217002:2020, NTS V2 TypeA					
Grid Support	LVRT, HVRT, active & reactive power control and power ramp rate control					

*: The inverter enters the standby state when the input voltage ranges between 1,000V and 1,100V. If the maximum DC voltage in the system can exceed 1000V, the MC4 connectors included in the scope of delivery must not be used. In this case MC4 Evo2 connectors must be used.

** For Germany, max. AC output power: SG5.0RT is 5000VA, SG6.0RT is 6000VA, SG7.0RT is 7000VA, SG8.0RT is 8000VA, SG10RT is 10000VA, SG12RT is 12000VA.

*** For Jordan, max. AC output current: SG10RT is 16 A.

EU Declaration of Conformity

Product: Grid-connected PV Inverter

Model: SG3.0RT, SG4.0RT, SG5.0RT-P2, SG6.0RT, SG7.0RT, SG8.0RT, SG10RT, SG12RT, SG15RT, SG17RT, SG20RT, SG5.0RT-P2, SG6.0RT-P2, SG7.0RT-P2, SG8.0RT-P2, SG10RT-P2, SG12RT-P2, SG15RT-P2, SG17RT-P2, SG20RT-P2

Name and address of the manufacturer: Sungrow Power Supply Co., Ltd., No. 1699 Xiyou Road, Hefei, China

Name and address of authorized EU/EEA importer: Sungrow Deutschland GmbH, Balanstrasse 59, 81541 München, Germany

This declaration of conformity is issued under the sole responsibility of the manufacturer. Also this product is under manufacturer's warranty.

Object of the declaration: PV inverter SG3.0RT, SG4.0RT, SG5.0RT-P2, SG6.0RT, SG7.0RT, SG8.0RT, SG10RT, SG12RT, SG15RT, SG17RT, SG20RT, SG5.0RT-P2, SG6.0RT-P2, SG7.0RT-P2, SG8.0RT-P2, SG10RT-P2, SG12RT-P2, SG15RT-P2, SG17RT-P2, SG20RT-P2



The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

- Low Voltage Directive 2014/35/EU (L 96/357-374, March 29, 2014) (LVD)
- Electromagnetic compatibility 2014/30/EU (L 96/79-106, March 29, 2014) (EMC)
- Restriction of the use of certain hazardous substances 2011/65/EU (L 174/88, June 8, 2011) and 2015/863/EU (L 137/10, March 31, 2015) (RoHS)



Sungrow Power Supply Co., Ltd.

Add: No. 1699 Xiyou Road, Hefei, China

Tel: +86 551 6532 7834

Email: info@sungrow.cn

Website: www.sungrowpower.com

SUNGROW

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

LVD:	
EN 62109-1:2010	•
EN 62109-2:2011	•
EMC:	
EN 61000-6-1:2007	•
EN 61000-6-2:2005	•
EN 61000-6-3:2007+A1:2011	•
EN 61000-6-4:2007+A1:2011	•
EN 55011:2016 / A1:2017 Group 1 class B	•
EN 62920: 2017	•
EN 61000-3-2:2019 / A1:2021	•
EN 61000-3-3:2013 / A1:2017 / A2:2021	•
EN 61000-3-11:2001	•
EN 61000-3-12:2011	•
RoHS	
EN IEC 63000:2018	•

Additional information: CE mark was affixed on the product since 2020.



Green and Effective

Declaration of Conformity

With German, European and International (Non-European) Standards

German DIN EN		European Standard EN		International Standard IEC (IEC/CISPR)
DIN EN 62109-1:2010	Based on	EN 62109-1:2010	Based on	IEC 62109-1:2010
DIN EN 62109-2:2011	Based on	EN 62109-2:2011	Based on	IEC 62109-2:2011
DIN EN 61000-3-2:2019 / A1:2021	Based on	EN 61000-3-2:2019 / A1:2021	Based on	IEC 61000-3-2:2018 / A1:2021
DIN EN 61000-3-3:2013 / A1:2019 / A2:2021	Based on	EN 61000-3-3:2013 / A1:2019 / A2:2021	Based on	IEC 61000-3-3:2013 / A1:2017 / A2:2021
DIN EN 61000-3-11:2001	Based on	EN 61000-3-11:2001	Based on	IEC 61000-3-11:2000
DIN EN 61000-3-12:2011	Based on	EN 61000-3-12:2011	Based on	IEC 61000-3-12:2011
EN IEC 61000-6-1:2007	Based on	EN IEC 61000-6-1:2007	Based on	IEC 61000-6-1:2005
EN IEC 61000-6-2:2005	Based on	EN IEC 61000-6-2:2005	Based on	IEC 61000-6-2:2005
EN IEC 61000-6-3:2007/A1:2012	Based on	EN IEC 61000-6-3:2007/A1:2012	Based on	IEC 61000-6-3:2006 / A1:2010
EN IEC 61000-6-4:2007/A1:2011	Based on	EN IEC 61000-6-4:2007/A1:2011	Based on	IEC 61000-6-4:2006 / A1:2010
EN 62920:2017	Based on	EN 62920:2017	Based on	IEC 62920:2017
EN 55011:2016 / A1:2017 Group 1, class B	Based on	EN 55011:2016 / A1:2017 Group 1, class B	Based on	CISPR11:2015/ AMD 1:2016 Group 1, class B
DIN EN IEC 63000:2019-05	Based on	EN IEC 63000:2018	Based on	IEC 63000:2016

Liantao Ai
 Standard and Certification Engineer
 On behalf of Sungrow Power Supply Co., Ltd.
 July 12 2023
 Place: Hefei, China

C E R T I F I C A T E
of Conformity
EC Council Directive 2014/30/EU
Electromagnetic Compatibility

Registration No.: AE 50528442 0001

Report No.: 60419881 002

Holder: Sungrow Power Supply Co., Ltd.
No.1699 Xiyou Rd.,New & High
Technology Industrial
Development Zone,
Hefei
230088 Anhui
P.R. China

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: SG3.0RT SG4.0RT SG5.0RT SG6.0RT SG7.0RT SG8.0RT
SG10RT SG12RT SG15RT SG17RT SG20RT

Serial No.: n.a.

Remark: Refer to test reports 60419881 001-002 for details.
Continued on page 0002.

Tested acc. to: EN 61000-6-1:2007
EN 61000-6-3:2007+A1
EN 61000-6-2:2005
EN 61000-6-4:2007+A1
IEC 61000-6-1:2005

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. 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. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.

Date 22.12.2021



Certification Body

Xinhua Lu

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg



C E R T I F I C A T E
of Conformity
EC Council Directive 2014/30/EU
Electromagnetic Compatibility

Registration No.: AE 50528442 0002

Report No.: 60419881 002

Holder: **Sungrow Power Supply Co., Ltd.**
No.1699 Xiyou Rd., New & High
Technology Industrial
Development Zone,
Hefei
230088 Anhui
P.R. China

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: SG3.0RT SG4.0RT SG5.0RT SG6.0RT SG7.0RT SG8.0RT
SG10RT SG12RT SG15RT SG17RT SG20RT

Serial No.: n.a.

Remark: Refer to test reports 60419881 001-002 for details.
Refer to page 0001.

Tested acc. to: IEC 61000-6-3:2006+A1
IEC 61000-6-2:2005
IEC 61000-6-4:2006+A1
EN 55011:2016+A1
CISPR 11:2015+A1

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. 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. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.



Certification Body

Date 22.12.2021

Xinhua Lu
Xinhua Lu

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. **CE**

Sungrow Power Supply Co., Ltd.

Date : 22.12.2021
Our ref. : Zhangleoh 01
Your ref.: W. K.

No.1699 Xiyou Rd., New & High
Technology Industrial
Development Zone,
Hefei
230088 Anhui
P.R. China

Ref : AE Certificate of Conformity EMC

Type of Equipment : PV-Inverter
Model Designation : See Certificate
Certificate No. : AE 50528442 0001
Report No. : 60419881 002

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



Xinhua Lu

CC: Sungrow Power Supply Co., Ltd.

Enclosure

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

ATTESTATION OF CONFORMITY

Issued to: Sungrow Power Supply Co., Ltd.
No.1699 Xiyou Rd., New & High Technology Industrial Development Zone, 230088,
Hefei, P. R. China

For the product: Grid-connected PV inverter

Trade name: 

Type/Model: SG3.0RT, SG4.0RT, SG5.0RT, SG6.0RT, SG7.0RT, SG8.0RT, SG10RT,
SG12RT, SG15RT, SG17RT, SG20RT

Ratings: See Annex

Manufactured by: Sungrow Power Supply Co., Ltd.
No.1699 Xiyou Rd., New & High Technology Industrial Development Zone, 230088,
Hefei, P. R. China

Requirements: EN 50549-1:2019

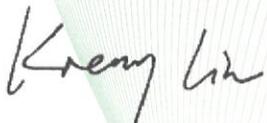
This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 6093833.50.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 3 March 2021

Number: 6093833.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.


Kreny Lin
Certification Manager

© Integral publication of this attestation and adjoining reports is allowed

Page 1 of 2

DEKRA Testing and Certification (Shanghai) Ltd.
3F #250 Jiangchangsan Road Shibe Hi-Tech Park, 200436 Jing'an District, Shanghai, China
T +86 21 6056 7666 F +86 21 6056 7555 www.dekra-product-safety.com

Ratings of the test product:

Operating temperature range: - 25°C to + 60°C

Protective class: I

Ingress protection rating: IP65

Power factor range (adjustable): 0.8 leading...0.8 lagging

SG3.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max: 12.5/12.5 A, Isc PV: 16.0/16.0 A
Output: 3/N/PE 230 Vac, 50/60 Hz, max 5.1 A, rated 3000 VA, max 3300 VA

SG4.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max: 12.5/12.5 A, Isc PV: 16.0/16.0 A
Output: 3/N/PE 230 Vac, 50/60 Hz, max 6.8 A, rated 4000 VA, max 4400 VA

SG5.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 12.5/12.5 A, Isc PV: 16.0/16.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 8.3 A, rated 5000 VA, max 5500 VA

SG6.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 12.5/12.5 A, Isc PV: 16.0/16.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 10.0 A, rated 6000 VA, max 6600 VA

SG7.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/12.5 A, Isc PV: 32.0/16.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 11.7 A, rated 7000 VA, max 7700 VA

SG8.0RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/12.5 A, Isc PV: 32.0/16.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 13.3 A, rated 8000 VA, max 8800 VA

SG10RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/12.5 A, Isc PV: 32.0/16.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 16.7 A, rated 10000 VA, max 11000 VA

SG12RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/12.5 A, Isc PV: 32.0/16.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 20.0 A, rated 12000 VA, max 13200 VA

SG15RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/25.0 A, Isc PV: 32.0/32.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 25.0 A, rated 15000 VA, max 16500 VA

SG17RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/25.0 A, Isc PV: 32.0/32.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 28.3 A, rated 17000 VA, max 18700 VA

SG20RT:

PV input: Max. 1100 Vdc, MPPT voltage range: 160-1000 Vdc, max 25.0/25.0 A, Isc PV: 32.0/32.0 A
Output: 3/N/PE, 230 Vac, 50/60 Hz, max 31.9 A, rated 20000 VA, max 22000 VA