

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

Registration No.: AE 50484758 0001

Report No.: 60419881 001

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: See type designations in attachment 1.1
Serial No.: n.a.
Remark: Refer to test report 60419881 001 for details.

Tested acc. to: EN 61000-6-1:2007
EN 61000-6-2:2005
EN 61000-6-3:2007+A1
EN 61000-6-4:2007+A1
IEC 61000-6-1:2005
IEC 61000-6-2:2005
IEC 61000-6-3:2006+A1
IEC 61000-6-4:2006+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.

Date 04.11.2020



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

TÜV Rheinland
LGA Products GmbH
Tillystraße 2, 90431 Nürnberg

1.1

Attachment to
Registration No.: AE 50484758 0001
Report No.: 60419881 001

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

Scope: additional type designation:

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

Date: 2020-11-04



Certification Body

Xinhua Lu
Xinhua Lu

Sungrow Power Supply Co., Ltd.
Wang Kai

Date : 04.11.2020
Our ref. : QYB 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 : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : AE 50484758 0001
Report No. : 60419881 001

Dear Wang Kai,

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

CERTIFICATE of Conformity



Registration No.: AK 50492453 0001

Report No.: CN21MPQH 001

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:

Type Designation	: SG3.0RT SG4.0RT SG5.0RT SG6.0RT SG7.0RT SG8.0RT SG10RT SG12RT SG15RT SG17RT SG20RT
Serial Number	: Engineering Sample
Firmware Version	: BERYL-S_03011.01.01
Remark	: Refer to test report CN21MPQH 001 for detail.

Tested acc. to: IEC 61000-3-11:2000
IEC 61000-3-12:2011

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 18.01.2021


Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Sungrow Power Supply Co., Ltd.
Wang Kai

Date : 18.01.2021
Our ref. : DJW 01
Your ref.:

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

Ref : AK Certificate of Conformity

Type of Equipment : Grid Connected PV Inverter
Model Designation : See Certificate
Certificate No. : AK 50492453 0001
Report No. : CN21MPQH 001

Dear Wang Kai,

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


Weichun Li

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CERTIFICATE of Conformity



Registration No.: AK 50492454 0001

Report No.: CN2054B8 001

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:

Type Designation	: SG3.0RT SG4.0RT SG5.0RT SG6.0RT SG7.0RT SG8.0RT SG10RT SG12RT SG15RT SG17RT SG20RT
Serial Number	: Engineering Sample
Firmware Version	: BERYL-S_03011.01.01
Remark	: Refer to test report CN2054B8 001 for detail.

Tested acc. to: IEC 61727:2004
IEC 62116:2014

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 18.01.2021



Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Sungrow Power Supply Co., Ltd.
Wang Kai

Date : 18.01.2021
Our ref. : DJW 01
Your ref.:

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

Ref : AK Certificate of Conformity

Type of Equipment : Grid Connected PV Inverter
Model Designation : See Certificate
Certificate No. : AK 50492454 0001
Report No. : CN2054B8 001

Dear Wang Kai,

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


Weichun Li

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



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: 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: IEC TS 62910:2015

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 6086736.50.

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, 10 December 2020

Number: 6086736.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager 

© Integral publication of this attestation and adjoining reports is allowed

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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

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 W, 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 W, 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 W, 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 W, 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 W, 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 W, 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 W, 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 W, 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 W, max 22000 VA