



Product Service

Attestation of Conformity

No. E8A 073342 0334 Rev. 00

Holder of Certificate: **Sungrow Power Supply Co., Ltd.**
No. 1699 Xiyou Road, New & High
Technology Industrial Development Zone,
230088 Hefei, Anhui
PEOPLE'S REPUBLIC OF CHINA

Name of Object: **Converter**
(GRID-CONNECTED PV INVERTER)

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential 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 testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64772218001301

Date, 2021-06-08

(Tony Liu)

Page 1 of 5

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Model(s): SG0.7RS-S, SG1.0RS-S, SG1.5RS-S, SG2.0RS-S, SG2.5RS-S, SG3.0RS-S, SG3.0RS, SG3.6RS, SG4.0RS, SG5.0RS, SG5.0RS-ADA, SG8.0RS, SG9.0RS, SG10RS

Trade name: SUNGROW



Description of Object:

Model	SG0.7RS-S	SG1.0RS-S	SG1.5RS-S
Max. Input Voltage	600 V	600 V	600 V
Rated Input Voltage	40-560 V	40-560 V	40-560 V
Max. Input Current	16 A	16 A	16 A
Isc PV	20 A	20 A	20 A
Rated Output Voltage	220/230/240 Va.c.	220/230/240 Va.c.	220/230/240 Va.c.
Rated Output Frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Max. Output Current	a.c. 3.2 A	a.c. 4.6 A	a.c. 6.9 A
Rated Output Power	700 W	1000 W	1500 W
Rated Apparent Power	700 VA	1000 VA	1500 VA
Safety Class	I	I	I
Overvoltage Category	III(MAINS), II(PV)	III(MAINS), II(PV)	III(MAINS), II(PV)
Enclosure	IP65	IP65	IP65
Operating ambient temperature range	-25°C ...+60°C	-25°C ...+60°C	-25°C ...+60°C



Attestation of Conformity

No. E8A 073342 0334 Rev. 00

Model	SG2.0RS-S	SG2.5RS-S	SG3.0RS-S
Max. Input Voltage	600 V	600 V	600 V
Rated Input Voltage	40-560 V	40-560 V	40-560 V
Max. Input Current	16 A	16 A	16 A
Isc PV	20 A	20 A	20 A
Rated Output Voltage	220/230/240 Va.c.	220/230/240 Va.c.	220/230/240 Va.c.
Rated Output Frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Max. Output Current	a.c. 9.1 A	a.c. 11.4 A	a.c. 13.7 A
Rated Output Power	2000 W	2500 W	3000 W
Rated Apparent Power	2000 VA	2500 VA	3000 VA
Safety Class	I	I	I
Overvoltage Category	III(MAINS), II(PV)	III(MAINS), II(PV)	III(MAINS), II(PV)
Enclosure	IP65	IP65	IP65
Operating ambient temperature range	-25°C ...+60°C	-25°C ...+60°C	-25°C ...+60°C

Model	SG3.0RS	SG3.6RS	SG4.0RS
Max. Input Voltage	600 V	600 V	600 V
Rated Input Voltage	40-560 V	40-560 V	40-560 V
Max. Input Current	16/16 A	16/16 A	16/16 A
Isc PV	20/20 A	20/20 A	20/20 A
Rated Output Voltage	220/230/240 Va.c.	220/230/240 Va.c.	220/230/240 Va.c.
Rated Output Frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Max. Output Current	a.c. 13.7 A	a.c. 16 A	a.c. 18.2 A
Rated Output Power	3000 W	3680 W	4000 W
Rated Apparent Power	3000 VA	3680 VA	4000 VA
Safety Class	I	I	I
Overvoltage Category	III(MAINS), II(PV)	III(MAINS), II(PV)	III(MAINS), II(PV)
Enclosure	IP65	IP65	IP65
Operating ambient temperature range	-25°C ...+60°C	-25°C ...+60°C	-25°C ...+60°C

Page 3 of 5

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Attestation of Conformity

No. E8A 073342 0334 Rev. 00

Model	SG5.0RS	SG5.0RS-ADA	SG6.0RS
Max. Input Voltage	600 V	600 V	600 V
Rated Input Voltage	40-560 V	40-560 V	40-560 V
Max. Input Current	16/16 A	16/16/16 A	16/16 A
Isc PV	20/20 A	20/20/20 A	20/20 A
Rated Output Voltage	220/230/240 Va.c.	220/230/240 Va.c.	220/230/240 Va.c.
Rated Output Frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Max. Output Current	a.c. 22.8 A	a.c. 22.8 A	a.c. 27.3 A
Rated Output Power	5000 W	5000 W	6000 W
Rated Apparent Power	5000 VA	5000 VA	6000 VA
Safety Class	I	I	I
Overvoltage Category	III(MAINS), II(PV)	III(MAINS), II(PV)	III(MAINS), II(PV)
Enclosure	IP65	IP65	IP65
Operating ambient temperature range	-25°C ...+60°C	-25°C ...+60°C	-25°C ...+60°C

Model	SG8.0RS	SG9.0RS	SG10RS
Max. Input Voltage	600 V	600 V	600 V
Rated Input Voltage	40-560 V	40-560 V	40-560 V
Max. Input Current	16/16/16 A	16/16/16 A	16/16/16 A
Isc PV	20/20/20 A	20/20/20 A	20/20/20 A
Rated Output Voltage	220/230/240 Va.c.	220/230/240 Va.c.	220/230/240 Va.c.
Rated Output Frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Max. Output Current	a.c. 36.4 A	a.c. 41 A	a.c. 45.5 A
Rated Output Power	8000 W	9000 W	10000 W
Rated Apparent Power	8000 VA	9000 VA	10000 VA
Safety Class	I	I	I
Overvoltage Category	III(MAINS), II(PV)	III(MAINS), II(PV)	III(MAINS), II(PV)
Enclosure	IP65	IP65	IP65
Operating ambient temperature range	-25°C ...+60°C	-25°C ...+60°C	-25°C ...+60°C

Page 4 of 5

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**Tested
according to:**

EN 62920:2017
EN 62920:2017/A11:2020
EN 55011:2016/A1:2017
EN 55011:2016/A11:2020
EN IEC 61000-6-2:2019
EN 61000-6-3:2007/A1:2011
CISPR 11:2015/A1:2016
IEC 61000-6-2:2016
IEC 61000-6-3:2006/A1:2010

Page 5 of 5

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