



Product Service

# Attestation of Conformity

No. N8A 073342 0324 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

**Product:** **Converter**  
**Grid-Connected Inverter**

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 testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092103508-00

**Date,** 2021-04-27

( Zhengdong Ma )

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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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-Premium, SG6.0RS, SG8.0RS, SG9.0RS, SG10RS.

## Parameters:

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
Overtoltage 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



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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

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Model	SG5.0RS	SG5.0RS-Premium	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



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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

**Tested according to:**

EN 62109-1:2010  
EN 62109-2:2011