



Product Service

# CERTIFICATE

No. B 073342 0323 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

**Certification Mark:**



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

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 and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

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

**Valid until:** 2026-04-25

**Date,** 2021-04-27

( Zhengdong Ma )

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No. B 073342 0323 Rev. 00

**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
Oversoltage 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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No. B 073342 0323 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 V.a.c.	220/230/240 V.a.c.	220/230/240 V.a.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 V.a.c.	220/230/240 V.a.c.	220/230/240 V.a.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 V.a.c.	220/230/240 V.a.c.	220/230/240 V.a.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  
 IEC 62109-1(ed.1)  
 IEC 62109-2(ed.1)