



Product Service

Compliance Document

No. D 073342 0336 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 Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.:

704092103515-00

Date,

2021-06-17

(Zhengdong Ma)

Compliance Document

No. D 073342 0336 Rev. 00

Model(s):

**SG1.0RS-S, SG1.5RS-S, SG2.0RS-S,
SG2.5RS-S, SG3.0RS-S, SG3.0RS,
SG3.6RS, SG4.0RS, SG5.0RS, SG6.0RS.**

Parameters:

Model	SG1.0RS-S	SG1.5RS-S	SG2.0RS-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	230 Va.c.	230 Va.c.	230 Va.c.
Rated Output Frequency	50 Hz	50 Hz	50 Hz
Max. Output Current	a.c. 4.6 A	a.c. 6.9 A	a.c. 9.1 A
Rated Output Power	1000 W	1500 W	2000 W
Rated Apparent Power	1000 VA	1500 VA	2000 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

Compliance Document

No. D 073342 0336 Rev. 00

Model	SG2.5RS-S	SG3.0RS-S	SG3.0RS
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 A	16 A	16/16 A
Isc PV	20 A	20 A	20/20 A
Rated Output Voltage	230 Va.c.	230 Va.c.	230 Va.c.
Rated Output Frequency	50 Hz	50 Hz	50 Hz
Max. Output Current	a.c. 11.4 A	a.c. 13.7 A	a.c. 13.7 A
Rated Output Power	2500 W	3000 W	3000 W
Rated Apparent Power	2500 VA	3000 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	SG3.6RS	SG4.0RS	SG5.0RS
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	230 Va.c.	230 Va.c.	230 Va.c.
Rated Output Frequency	50 Hz	50 Hz	50 Hz
Max. Output Current	a.c. 16 A	a.c. 18.2 A	a.c. 22.8 A
Rated Output Power	3680 W	4000 W	5000 W
Rated Apparent Power	3680 VA	4000 VA	5000 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

Compliance Document

No. D 073342 0336 Rev. 00

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

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection Device	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE TOTANTE Rotating Device
☒	☒	☒	☐

**Tested
according to:**

CEI 0-21:2019/V1:2020