



Product Service

Compliance Document

No. D 073342 0287 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 PV 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. See also notes overleaf.

Test report no.: 704092001801-00

Date, 2020-01-20


(Zhengdong Ma)

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Model(s): SG33CX, SG40CX, SG50CX

Parameters:

Max. Input Voltage:	DC 1100 V
Min. MPP Voltage:	DC 200 V
Max. MPP Voltage:	DC 1000 V
Max. Input Current:	DC 3*26 A (SG33CX) DC 4*26 A (SG40CX) DC 5*26 A (SG50CX)
Isc PV:	DC 3*40 A (SG33CX) DC 4*40 A (SG40CX) DC 5*40 A (SG50CX)
Rated Output Voltage:	3/N/PE~ 400/230V
Rated Output Frequency:	50 Hz
Max. Output Current:	AC 55,2 A (SG33CX) AC 66,9 A (SG40CX) AC 83,6 A (SG50CX)
Rated Output Power:	33 kW (SG33CX) 40 kW (SG40CX) 50 kW (SG50CX)
Max. Apparent Power:	36,3 kVA (SG33CX) 44 kVA (SG40CX) 55 kVA (SG50CX)
Power factor range:	0,8 Leading...0,8 Lagging
Protective Class:	I
Overvoltage Category:	III[AC], II[DC]
Ingress Protection:	IP66
Ambient Temperature:	-30 °C...+60 °C

Tested according to: EN 50549-2:2019/AC:2019

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