



Product Service

# Compliance Document

No. D 073342 0273 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.:** 704091903325-00

**Date,** 2019-07-15

  
( 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 50549-1:2019/AC:2019

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