

Compliance Document

No. D 073342 0271 Rev. 03

Holder of Certificate: **Sungrow Power Supply Co., Ltd.**

No. 1699 Xiyu Road, New & High
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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. For details see: www.tuvsud.com/ps-cert

Test report no.: 704091903317-03

Date, 2021-01-27


(Zhengdong Ma)

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Model(s): SG250HX, SG250HX-IN, SG250HX-IN-20

Parameters:

Max. Input Voltage:	d.c. 1500 V
Min. MPP voltage:	d.c. 500 V
Max. MPP voltage:	d.c. 1500 V
Max. Input current:	d.c. 12×30 A
Isc PV:	d.c. 12×50 A
Rated Output Voltage:	a.c. 3/PE ~ 800V
Rated Output Frequency:	50/60 Hz
Max. Continuous Output Current:	a.c. 180.5 A
Rated Output Power:	225 kW (SG250HX), 200 kW (SG250HX-IN) 220 kW (SG250HX-IN-20)
Max. Apparent Power:	250kVA
Power Factor Range:	0.8Lagging ...0.8Leading
Ambient Temperature Range:	-30°C...+60°C
Protective Class:	I
Ingress Protection:	IP66
Overvoltage Category:	II(PV), III(Mains)

**Tested
according to:**

IEC 61727:2004
IEC 62116:2014
IEC 61000-3-12:2011
IEC 61000-3-11:2017