

Compliance Document

No. D 073342 0272 Rev. 02

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

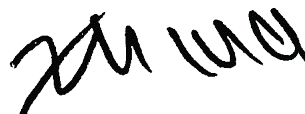
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PEOPLE'S REPUBLIC OF CHINA

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.: 704091903318-02

Date, 2021-01-26



(Zhengdong Ma)

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

Parameters:

Vmax PV:	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
Nominal grid voltage:	a.c. 3/PE ~ 800 V
Nominal grid 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:	250 kVA
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 61683:1999
EN 50530:2010/A1:2013
IEC 60068-2-1:2007
IEC 60068-2-2:2007
IEC 60068-2-14:2009
IEC 60068-2-30:2005
IEC 60068-2-27:2008
IEC 60068-2-64:2008