



Product Service

CERTIFICATE

No. B 073342 0268 Rev. 05

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

Certification Mark:



Product: **Converter**
Grid-connected PV Inverter

The product was tested on a voluntary basis and complies with the essential requirements.
The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier.
All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704091903316-05

Valid until: 2026-03-22

Date, 2021-03-23

(Zhengdong Ma)

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Model(s): SG225HX, 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 ~ 800 V
Rated Output Frequency:	50/60 Hz
Max. Continuous Output Current:	a.c. 180.5 A (SG250HX, SG250HX-IN, SG250HX-IN-20) a.c. 178.7 A (SG225HX)
Rated Output Power:	a.c. 200 kW (SG250HX-IN) a.c. 220 kW (SG250HX-IN-20) a.c. 225 kW (SG250HX, SG225HX)
Max. Apparent Power:	a.c. 250 kVA (SG250HX, SG250HX-IN, SG250HX-IN-20) a.c. 247.5 kVA (SG225HX)
Power Factor Range:	0.8 Lagging ... 0.8 Leading
Ambient Temperature Range:	-30°C... +60°C
Protective Class:	I
Ingress Protection:	IP66
Overvoltage Category:	II(PV), III(Mains)

Tested according to: IEC 62109-1(ed.1)
EN 62109-1:2010
IEC 62109-2(ed.1)
EN 62109-2:2011