



Product Service

Attestation of Conformity

No. N8A 073342 0329 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 Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092103529-00

Date, 2021-05-31

(Zhengdong Ma)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): **SG350HX, SG320HX**

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. 30 A(for 14/15/16 MPP inputs) , d.c. 40 A(for 12 MPP inputs)
Isc PV:	d.c. 60 A
Rated Output Voltage:	a.c. 3/PE ~ 800 V
Rated Output Frequency:	50/60 Hz
Max. Continuous Output Current:	a.c. 254 A
Rated Output Power:	a.c. 320 kW@40°C, a.c. 295 kW@50°C
Max. Apparent Power:	a.c. 352 kVA
Power Factor Range:	0.8 Leading ... 0.8 Lagging
Ambient Temperature Range:	-30°C...+60°C
Protective Class:	I
Ingress Protection:	IP66
Overvoltage Category:	II(PV), III(Mains)

**Tested
according to:**

EN 62109-1:2010
EN 62109-2:2011