



Compliance Document

No. D 073342 0356 Rev. 00

Holder of Certificate: **Sungrow Power Supply Co., Ltd.**
No. 1699 Xiyou 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.: 704092103530-00

Date, 2021-11-02

(Zhengdong Ma)



Product Service

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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 ~ 800V
Rated Output Frequency:	50/60 Hz
Max. Continuous Output Current:	a.c. 254 A
Rated Output Power:	For SG320HX: a.c. 320 kW@40°C a.c. 295 kW@50°C For SG350HX: a.c. 320 kW@40°C
Max. Apparent Power:	a.c. 352 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 61727:2004
IEC 62116:2014
IEC 61683:1999
EN 50530:2010/A1:2013
IEC 60068-2-1:2007
IEC 60068-2-2:2007
IEC 60068-2-14:2009
IEC 60068-2-27:2008
IEC 60068-2-30:2005
IEC 60068-2-64:2008