



Product Service

Compliance Document

No. D 073342 0230 Rev. 00

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

No. 1699 Xiyu Road, New & High
Technology Industrial Development Zone,
230088 Hefei, Anhui
PEOPLE'S REPUBLIC OF CHINA

Product:

Converter
PV 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. See also notes overleaf.

Test report no.:

704091802520-00

Date,

2018-10-15


(Zhengdong Ma)



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Model(s): SG1500UD, SG1250UD

Parameters:

Vmax PV:	d.c. 1100 V
Min. MPP voltage:	d.c. 580 V (SG1500UD), d.c. 520 V (SG1250UD)
Max. MPP voltage:	d.c. 1000 V
Max. input current:	d.c. 2×1448 A (SG1500UD), d.c. 2×1356 A (SG1250UD)
Isc PV:	d.c. 2×1810 A (SG1500UD), d.c. 2×1695 A (SG1250UD)
Nominal grid voltage:	a.c. 400 V,3~ (SG1500UD), a.c. 360 V,3~ (SG1250UD)
Nominal grid frequency:	50 Hz
Max. continuous output current:	a.c. 2381 A (SG1500UD), a.c. 2222 A (SG1250UD),
Rated output power:	1500 kW (SG1500UD),1260kW (SG1250UD)
Max. apparent power:	1650 kVA (SG1500UD),1386kVA (SG1250UD)
Power factor range:	[-0,8...0,8]
Ambient temperature range:	-35°C...+60°C
Protective class:	I
Ingress protection:	IP65
Overvoltage category:	II(PV), III(Mains)

Tested according to: IEC 61727:2004
IEC 62116:2014
IEC 61683:1999