

Compliance Document

No. D 086470 0085 Rev. 00

Holder of Certificate: **Ginlong Technologies Co., Ltd.**

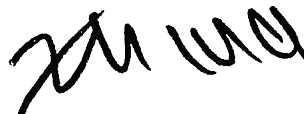
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
PV Grid Tied 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.: 704092103605-00

Date, 2021-06-24



(Zhengdong Ma)

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Model(s): Solis-80K-5G, Solis-100K-5G, Solis-110K-5G,
S5-GC80K, S5-GC100K, S5-GC110K.

Parameters:

Max. input voltage:	1100 Vd.c.
Mppt voltage range:	180-1000 Vd.c.
Max. input current:	9 x 26 A (Solis-80K-5G), 9 x 32 A (S5-GC80K), 10 x 26 A (Solis-100K-5G, Solis-110K-5G), 10 x 32 A (S5-GC100K, S5-GC110K)
Isc PV(absolute maximum):	9 x 40 A (Solis-80K-5G), 9 x 50 A (S5-GC80K), 10 x 40 A (Solis-100K-5G, Solis-110K-5G), 10 x 50 A (S5-GC100K, S5-GC110K)
Rated grid voltage:	3/N/PE, 230/400 V
Rated grid frequency:	50 Hz
Rated output power:	80000 W (Solis-80K-5G), 100000 W (Solis-100K-5G), 110000 W (Solis-110K-5G), 80000 W (S5-GC80K), 100000 W (S5-GC100K), 110000 W (S5-GC110K)
Max. AC output active power:	88000 W (Solis-80K-5G), 110000 W (Solis-100K-5G), 121000 W (Solis-110K-5G), 88000 W (S5-GC80K), 110000 W (S5-GC100K), 121000 W (S5-GC110K)
Max. AC output apparent power:	88000 VA (Solis-80K-5G), 110000 VA (Solis-100K-5G), 121000 VA (Solis-110K-5G), 88000 VA (S5-GC80K), 110000 VA (S5-GC100K), 121000 VA (S5-GC110K)
Max. continuous output current:	133.7 A (Solis-80K-5G), 167.1 A (Solis-100K-5G), 183.8 A (Solis- 110K-5G), 133.7 A (S5-GC80K), 167.1 A (S5-GC100K), 183.8 A (S5- GC110K)
Adjustable displacement factor:	-0.8...1...+0.8
Operating temperature Range:	-25 °C...+60 °C
Ingress Protection:	IP66
Protective Class:	I
Overvoltage category:	II(PV), III(Mains)
Inverter topology:	Non-isolated

Tested according to:

G99/1-6:2020