

Compliance Document

No. D 086470 0081 Rev. 00

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

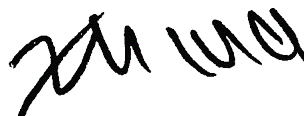
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PEOPLE'S REPUBLIC OF CHINA

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.: 704092103603-00

Date, 2021-06-07



(Zhengdong Ma)

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Model(s): Solis-3P3K-4G, Solis-3P4K-4G, Solis-3P5K-4G,
Solis-3P6K-4G, Solis-3P8K-4G, Solis-3P9K-4G,
Solis-3P10K-4G, Solis-3P12K-4G, Solis-3P15K-4G,
Solis-3P17K-4G, Solis-3P20K-4G.

Parameters:

Max. input voltage:	1000 Vd.c.
Mppt voltage range:	160-850 Vd.c.
Max. input current:	2 x 11 A (Solis-3P3K-4G, Solis-3P4K-4G, Solis-3P5K-4G, Solis-3P6K-4G, Solis-3P8K-4G, Solis-3P9K-4G, Solis-3P10K-4G) 2 x 22 A (Solis-3P12K-4G, Solis-3P15K-4G, Solis-3P17K-4G, Solis-3P20K-4G)
Isc PV(absolute maximum):	2 x 17.2 A (Solis-3P3K-4G, Solis-3P4K-4G, Solis-3P5K-4G, Solis-3P6K-4G, Solis-3P8K-4G, Solis-3P9K-4G, Solis-3P10K-4G) 2 x 34.3 A (Solis-3P12K-4G, Solis-3P15K-4G, Solis-3P17K-4G, Solis-3P20K-4G)
Rated grid voltage:	3/N/PE~, 230/400 V
Rated grid frequency:	50 Hz
Rated output power:	3000 W (Solis-3P3K-4G), 4000 W (Solis-3P4K-4G), 5000 W (Solis-3P5K-4G), 6000 W (Solis-3P6K-4G), 8000 W (Solis-3P8K-4G), 9000 W (Solis-3P9K-4G), 10000 W (Solis-3P10K-4G), 12000 W (Solis-3P12K-4G), 15000 W (Solis-3P15K-4G), 17000 W (Solis-3P17K-4G), 20000 W (Solis-3P20K-4G)
Max. AC output active power:	3300 W (Solis-3P3K-4G), 4400 W (Solis-3P4K-4G), 5500 W (Solis-3P5K-4G), 6600 W (Solis-3P6K-4G), 8800 W (Solis-3P8K-4G), 9900 W (Solis-3P9K-4G), 11000 W (Solis-3P10K-4G), 13200 W (Solis-3P12K-4G), 16500 W (Solis-3P15K-4G), 18700 W (Solis-3P17K-4G), 22000 W (Solis-3P20K-4G)
Max. AC output apparent power:	3300 VA (Solis-3P3K-4G), 4400 VA (Solis-3P4K-4G), 5500 VA (Solis-3P5K-4G), 6600 VA (Solis-3P6K-4G), 8800 VA (Solis-3P8K-4G), 9900 VA (Solis-3P9K-4G), 11000 VA (Solis-3P10K-4G), 13200 VA (Solis-3P12K-4G), 16500 VA (Solis-3P15K-4G), 18700 VA (Solis-3P17K-4G), 22000 VA (Solis-3P20K-4G)
Max. continuous output current:	4.7 A (Solis-3P3K-4G), 6.4 A (Solis-3P4K-4G), 7.9 A (Solis-3P5K-4G), 9.5 A (Solis-3P6K-4G), 12.7 A (Solis-3P8K-4G), 14.3 A (Solis-3P9K-4G), 15.9 A (Solis-3P10K-4G), 19.1 A (Solis-3P12K-4G), 23.8 A (Solis-3P15K-4G), 27 A (Solis-3P17K-4G), 31.8 A (Solis-3P20K-4G)
Adjustable displacement factor:	-0.8...1...+0.8
Operating temperature Range:	-25 °C...+60 °C
Ingress Protection:	IP65
Protective Class:	I
Overvoltage category:	II(PV), III(Mains)
Inverter topology:	Non-isolated

Tested according to:

G99/1-6:2020