



Product Service

Compliance Document

No. D 086470 0056 Rev. 00

Holder of Certificate: Ningbo 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. See also notes overleaf.

Test report no.:

704091907631-00

Date, 2020-03-19


(Zhengdong Ma)

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Model(s): Solis-3P3K-4G, Solis-3P4K-4G, Solis-3P5K-4G, Solis-3P6K-4G, Solis-3P8K-4G, Solis-3P8K-4G-BE, Solis-3P9K-4G, Solis-3P10K-4G, Solis-3P10K-4G-BE, 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-3P8K-4G-BE, Solis-3P10K-4G-BE, 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-3P8K-4G-BE, Solis-3P10K-4G-BE, 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, Solis-3P8K-4G-BE), 9000 W (Solis-3P9K-4G), 10000 W (Solis-3P10K-4G, Solis-3P10K-4G-BE), 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, Solis-3P8K-4G-BE), 9900 W (Solis-3P9K-4G), 10000 W (Solis-3P10K-4G-BE), 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, Solis-3P8K-4G-BE), 9900 VA (Solis-3P9K-4G), 10000 VA (Solis-3P10K-4G-BE), 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, Solis-3P8K-4G-BE), 14,2 A (Solis-3P9K-4G), 15,9 A (Solis-3P10K-4G, Solis-3P10K-4G-BE), 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:

EN 50549-1:2019/AC:2019