

Compliance Document

No. D 086470 0055 Rev. 02

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

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PEOPLE'S REPUBLIC OF CHINA

Product:

Converter
PV Grid Tied Inverter

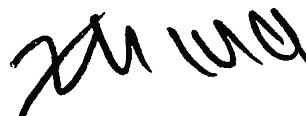
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Test report no.:

704091907630-02

Date,

2021-09-09



(Zhengdong Ma)

Compliance Document

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Model(s): **Solis-mini-700-4G, Solis-mini-1000-4G, Solis-mini-1500-4G, Solis-mini-2000-4G, Solis-mini-2500-4G, Solis-mini-3000-4G, Solis-mini-3600-4G, S5-GR1P0.7K-M, S5-GR1P1K-M, S5-GR1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M, S5-GR1P3.6K-M, S6-GR1P0.7K-M, S6-GR1P1K-M, S6-GR1P1.5K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-M, S6-GR1P3.6K-M.**

Parameters:

Max. input voltage:	600 Vd.c.
Mppt voltage range:	50 – 500 Vd.c. (Solis-mini-700-4G, Solis-mini-1000-4G, Solis-mini-1500-4G, S5-GR1P0.7K-M, S5-GR1P1K-M, S5-GR1P1.5K-M, S6-GR1P0.7K-M, S6-GR1P1K-M, S6-GR1P1.5K-M) 80 – 500 Vd.c. (Solis-mini-2000-4G, Solis-mini-2500-4G, Solis-mini-3000-4G, Solis-mini-3600-4G, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M, S5-GR1P3.6K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-M, S6-GR1P3.6K-M)
Max. input current:	11 Ad.c. (Solis-mini-700-4G, Solis-mini-1000-4G, Solis-mini-1500-4G, Solis-mini-2000-4G, Solis-mini-2500-4G, Solis-mini-3000-4G) 12,5 Ad.c. (S5-GR1P0.7K-M, S5-GR1P1K-M, S5-GR1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M) 14 Ad.c. (S6-GR1P0.7K-M, S6-GR1P1K-M, S6-GR1P1.5K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-M) 19 Ad.c. (Solis-mini-3600-4G, S5-GR1P3.6K-M, S6-GR1P3.6K-M)
Isc PV(absolute maximum):	17,2 Ad.c. (Solis-mini-700-4G, Solis-mini-1000-4G, Solis-mini-1500-4G, Solis-mini-2000-4G, Solis-mini-2500-4G, Solis-mini-3000-4G, S5-GR1P0.7K-M, S5-GR1P1K-M, S5-GR1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M) 22 Ad.c. (S6-GR1P0.7K-M, S6-GR1P1K-M, S6-GR1P1.5K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-M) 30 Ad.c. (Solis-mini-3600-4G, S5-GR1P3.6K-M, S6-GR1P3.6K-M)
Rated grid voltage:	230 Va.c.
Rated grid frequency:	50 Hz
Rated output power:	700 W (Solis-mini-700-4G, S5-GR1P0.7K-M, S6-GR1P0.7K-M) 1000 W (Solis-mini-1000-4G, S5-GR1P1K-M, S6-GR1P1K-M) 1500 W (Solis-mini-1500-4G, S5-GR1P1.5K-M, S6-GR1P1.5K-M) 2000 W (Solis-mini-2000-4G, S5-GR1P2K-M, S6-GR1P2K-M) 2500 W (Solis-mini-2500-4G, S5-GR1P2.5K-M, S6-GR1P2.5K-M) 3000 W (Solis-mini-3000-4G, S5-GR1P3K-M, S6-GR1P3K-M) 3600 W (Solis-mini-3600-4G, S5-GR1P3.6K-M, S6-GR1P3.6K-M)

Compliance Document

No. D 086470 0055 Rev. 02

Max. AC output active power:	770 W (S6-GR1P0.7K-M) 800 W (Solis-mini-700-4G, S5-GR1P0.7K-M) 1100 W (Solis-mini-1000-4G, S5-GR1P1K-M, S6-GR1P1K-M) 1650 W (S6-GR1P1.5K-M) 1700 W (Solis-mini-1500-4G, S5-GR 1P1.5K-M) 2200 W (Solis-mini-2000-4G, S5-GR1P2K-M, S6-GR1P2K-M) 2750 W (S6-GR1P2.5K-M) 2800 W (Solis-mini-2500-4G, S5-GR1P2.5K-M) 3300 W (Solis-mini-3000-4G, S5-GR1P3K-M, S6-GR1P3K-M) 3600 W (Solis-mini-3600-4G, S5-GR1P3.6K-M, S6-GR1P3.6K-M)
Max. AC output apparent power:	770 VA (S6-GR1P0.7K-M) 800 VA (Solis-mini-700-4G, S5-GR1P0.7K-M) 1100 VA (Solis-mini-1000-4G, S5-GR1P1K-M, S6-GR1P1K-M) 1650 VA (S6-GR1P1.5K-M) 1700 VA (Solis-mini-1500-4G, S5-GR 1P1.5K-M) 2200 VA (Solis-mini-2000-4G, S5-GR1P2K-M, S6-GR1P2K-M) 2750 VA (S6-GR1P2.5K-M) 2800 VA (Solis-mini-2500-4G, S5-GR1P2.5K-M) 3300 VA (Solis-mini-3000-4G, S5-GR1P3K-M, S6-GR1P3K-M) 3600 VA (Solis-mini-3600-4G, S5-GR1P3.6K-M, S6-GR1P3.6K-M)
Max. continuous output current:	4,4 A (Solis-mini-700-4G, S5-GR1P0.7K-M, S6-GR1P0.7K-M) 5,2 A (Solis-mini-1000-4G, S5-GR1P1K-M, S6-GR1P1K-M) 8,1 A (Solis-mini-1500-4G, S5-GR 1P1.5K-M, S6-GR1P1.5K-M) 10,5 A (Solis-mini-2000-4G, S5-GR1P2K-M, S6-GR1P2K-M) 13,3 A (Solis-mini-2500-4G, S5-GR1P2.5K-M, S6-GR1P2.5K-M) 15,7 A (Solis-mini-3000-4G, S5-GR1P3K-M, S6-GR1P3K-M) 16 A (Solis-mini-3600-, S5-GR1P3.6K-M, S6-GR1P3.6K-M)
Adjustable displacement factor:	-0,8...1...+0,8
Operating temperature Range:	-25 °C...+60 °C
Ingress Protection:	IP65 (Solis-mini-700-4G, Solis-mini-1000-4G, Solis-mini-1500-4G, Solis-mini-2000-4G, Solis-mini-2500-4G, Solis-mini-3000-4G, Solis-mini-3600-4G, S5-GR1P0.7K-M, S5-GR1P1K-M, S5-GR1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M, S5-GR1P3.6K-M) IP66 (S6-GR1P0.7K-M, S6-GR1P1K-M, S6-GR1P1.5K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-M, S6-GR1P3.6K-M)
Protective Class:	I
Overvoltage category:	II(PV), III(Mains)

Tested according to:

EN 50549-1:2019/AC:2019