



Compliance Document

No. D 086470 0055 Rev. 01

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.: 704091907630-01

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(Zhengdong Ma)

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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-GR 1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M, S5-GR1P3.6K-M.

Parameters:

Max. input voltage:	600 Vd.c.
Mpvt 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-GR 1P1.5K-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)
Max. input current:	11 A (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 A (S5-GR1P0.7K-M, S5-GR1P1K-M, S5-GR 1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M) 19 A (Solis-mini-3600-4G, S5-GR1P3.6K-M)
Isc PV(absolute maximum):	17,2 A (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-GR 1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M) 30 A (Solis-mini-3600-4G, S5-GR1P3.6K-M)
Rated grid voltage:	230 V~
Rated grid frequency:	50 Hz
Rated output power:	700 W (Solis-mini-700-4G, S5-GR1P0.7K-M), 1000 W (Solis-mini-1000-4G, S5-GR1P1K-M), 1500 W (Solis-mini-1500-4G, S5-GR 1P1.5K-M), 2000 W (Solis-mini-2000-4G, S5-GR1P2K-M), 2500 W (Solis-mini-2500-4G, S5-GR1P2.5K-M), 3000 W (Solis-mini-3000-4G, S5-GR1P3K-M), 3600 W (Solis-mini-3600-4G, S5-GR1P3.6K-M)

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Max. AC output active power:	800 W (Solis-mini-700-4G, S5-GR1P0.7K-M), 1100 W (Solis-mini-1000-4G, S5-GR1P1K-M), 1700 W (Solis-mini-1500-4G, S5-GR1P1.5K-M), 2200 W (Solis-mini-2000-4G, S5-GR1P2K-M), 2800 W (Solis-mini-2500-4G, S5-GR1P2.5K-M), 3300 W (Solis-mini-3000-4G, S5-GR1P3K-M), 3600 W (Solis-mini-3600-4G, S5-GR1P3.6K-M)
Max. AC output apparent power:	800 VA (Solis-mini-700-4G, S5-GR1P0.7K-M), 1100 VA (Solis-mini-1000-4G, S5-GR1P1K-M), 1700 VA (Solis-mini-1500-4G, S5-GR1P1.5K-M), 2200 VA (Solis-mini-2000-4G, S5-GR1P2K-M), 2800 VA (Solis-mini-2500-4G, S5-GR1P2.5K-M), 3300 VA (Solis-mini-3000-4G, S5-GR1P3K-M), 3600 VA (Solis-mini-3600-4G, S5-GR1P3.6K-M)
Max. continuous output current:	4,4 A (Solis-mini-700-4G, S5-GR1P0.7K-M), 5,2 A (Solis-mini-1000-4G, S5-GR1P1K-M), 8,1 A (Solis-mini-1500-4G S5-, S5-GR 1P1.5K-M), 10,5 A (Solis-mini-2000-4G, S5-GR1P2K-M), 13,3 A (Solis-mini-2500-4G, S5-GR1P2.5K-M), 15,7 A (Solis-mini-3000-4G, S5-GR1P3K-M), 16 A (Solis-mini-3600-, S5-GR1P3.6K-M)
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