

Compliance Document

No. D 086470 0038 Rev. 02

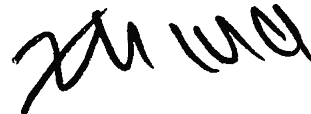
Holder of Certificate: **Ginlong Technologies Co., Ltd.**
No.57 Jintong Road
Binhai Industrial Park, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
PV Grid Tied Inverter

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Test report no.: 704091805708-02

Date, 2021-08-31



(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-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-GR 1P1.5K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-M, S6-GR1P3.6K-M.

Parameters:

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|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-GR 1P1.5K-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 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-GR1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M) 19 A (Solis-mini-3600-4G, S5-GR1P3.6K-M, S6-GR1P3.6K-M) 14A (S6-GR1P0.7K-M, S6-GR1P1K-M, S6-GR1P1.5K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-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-GR1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M) 30 A (Solis-mini-3600-4G, S5-GR1P3.6K-M) 22 A (S6-GR1P0.7K-M, S6-GR1P1K-M, S6-GR1P1.5K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-M) 30 A (S6-GR1P3.6K-M) |
| Rated grid voltage: | 230 V~ |
| Rated grid frequency: | 50/60 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-GR 1P1.5K-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) |

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| Max. AC output active power: | 800 W (Solis-mini-700-4G, S5-GR1P0.7K-M, S6-GR1P0.7K-M), 1100 W (Solis-mini-1000-4G, S5-GR1P1K-M, S6-GR1P1K-M), 1700 W (Solis-mini-1500-4G, S5-GR 1P1.5K-M, S6-GR1P1.5K-M), 2200 W (Solis-mini-2000-4G, S5-GR1P2K-M, S6-GR1P2K-M), 2800 W (Solis-mini-2500-4G, S5-GR1P2.5K-M, S6-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: | 800 VA (Solis-mini-700-4G, S5-GR1P0.7K-M, S6-GR1P0.7K-M), 1100 VA (Solis-mini-1000-4G, S5-GR1P1K-M, S6-GR1P1K-M), 1700 VA (Solis-mini-1500-4G, S5-GR 1P1.5K-M, S6-GR1P1.5K-M), 2200 VA (Solis-mini-2000-4G, S5-GR1P2K-M, S6-GR1P2K-M), 2800 VA (Solis-mini-2500-4G, S5-GR1P2.5K-M, S6-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-GR 1P1.5K-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-3600-4G, 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-GR 1P1.5K-M, S5-GR1P2K-M, S5-GR1P2.5K-M, S5-GR1P3K-M, S5-GR1P3.6K-M) IP66 (S6-GR1P0.7K-M, S6-GR1P1K-M, S6-GR 1P1.5K-M, S6-GR1P2K-M, S6-GR1P2.5K-M, S6-GR1P3K-M, S6-GR1P3.6K-M) |
| Protective Class: | I |
| Overvoltage category: | II(PV), III(Mains) |
| Inverter topology: | Non-isolated |

Tested according to:

UTE C15-712-1:2013
DIN V VDE V 0126-1-1/A1 (VDE V 0126-1-1/A1):2012 (with national deviation of France: DIN VDE 0126-1-1/A1 VFR 2019)