

Compliance Document

No. D 086470 0054 Rev. 02

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

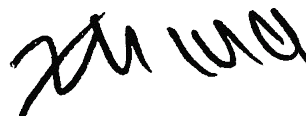
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
PV Grid-Tied Inverter

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Test report no.: 704091907629-02

Date, 2021-09-02



(Zhengdong Ma)

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Model(s):

Solis-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K, S6-GR1P2.5K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K

Parameters:

Max. input voltage:	550 Vd.c. (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K) 600 Vd.c. (Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Mpvt voltage range:	50-450 Vd.c. (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K) 90-520 Vd.c. (Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Max. input current:	2 x 11 A (Solis-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G) 2 x 12.5 A (S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K) 2 x 14 A (S6-GR1P2.5K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Isc PV(absolute maximum):	2 x 17.2 A (Solis-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K) 2 x 22 A (S6-GR1P2.5K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Rated grid voltage:	3/N/PE~, 230/400 V
Rated grid frequency:	50 Hz
Rated output power:	2500W (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K), 3000W (Solis-1P3K-4G, S5-GR1P3K, S6-GR1P3K), 3600W (Solis-1P3.6K-4G, S5-GR1P3.6K, S6-GR1P3.6K), 4000W (Solis-1P4K-4G, S5-GR1P4K, S6-GR1P4K), 4600W (Solis-1P4.6K-4G, S5-GR1P4.6K, S6-GR1P4.6K), 5000W (Solis-1P5K-4G, S5-GR1P5K, S6-GR1P5K), 6000W (Solis-1P6K-4G, S5-GR1P6K, S6-GR1P6K)

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Max. AC output active power:	2800W (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K), 3300W (Solis-1P3K-4G, S5-GR1P3K, S6-GR1P3K), 4000W (Solis-1P3.6K-4G, S5-GR1P3.6K, S6-GR1P3.6K), 4400W (Solis-1P4K-4G, S5-GR1P4K, S6-GR1P4K), 5000W (Solis-1P4.6K-4G, S5-GR1P4.6K, S6-GR1P4.6K), 5000W (Solis-1P5K-4G, S5-GR1P5K, S6-GR1P5K), 6000W (Solis-1P6K-4G, S5-GR1P6K, S6-GR1P6K)
Max. AC output apparent power:	2800VA (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K), 3300VA (Solis-1P3K-4G, S5-GR1P3K, S6-GR1P3K), 4000VA (Solis-1P3.6K-4G, S5-GR1P3.6K, S6-GR1P3.6K), 4400VA (Solis-1P4K-4G, S5-GR1P4K, S6-GR1P4K), 5000VA (Solis-1P4.6K-4G, S5-GR1P4.6K, S6-GR1P4.6K), 5000VA (Solis-1P5K-4G, S5-GR1P5K, S6-GR1P5K), 6000VA (Solis-1P6K-4G, S5-GR1P6K, S6-GR1P6K)
Max. continuous output current:	13.3A(Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K), 15.7A(Solis-1P3K-4G, S5-GR1P3K, S6-GR1P3K), 16A(Solis-1P3.6K-4G, S5-GR1P3.6K, S6-GR1P3.6K), 21A(Solis-1P4K-4G, S5-GR1P4K, S6-GR1P4K), 23.8A(Solis-1P4.6K-4G, S5-GR1P4.6K, S6-GR1P4.6K), 25A(Solis-1P5K-4G, S5-GR1P5K, S6-GR1P5K), 27.3A(Solis-1P6K-4G, S5-GR1P6K, S6-GR1P6K)
Adjustable displacement factor:	-0,8...1...+0,8
Operating temperature Range:	-25 °C...+60 °C
Ingress Protection:	IP65 (Solis-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K) IP66 (S6-GR1P2.5K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Protective Class:	I
Overvoltage category:	II(PV), III(Mains)
Inverter topology:	Non-isolated

Tested according to:

CEI 0-21:2019/V1:2020