



Product Service

# Compliance Document

No. D 086470 0039 Rev. 00

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

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PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**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.:** 704091805709-00

**Date,** 2018-10-25

  
( 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**Parameters:**

| Models                          | Solis-1P2.5K-4G | Solis-1P3K-4G  | Solis-1P3.6K-4G | Solis-1P4K-4G  |
|---------------------------------|-----------------|----------------|-----------------|----------------|
| <b>PV input ratings:</b>        |                 |                |                 |                |
| Max. input voltage:             | d.c. 550 V      | d.c. 600 V     | d.c. 600 V      | d.c. 600 V     |
| MPP voltage range:              | d.c. 50 – 450V  | d.c. 90 – 520V | d.c. 90 – 520V  | d.c. 90 – 520V |
| Max. input current:             | d.c. 2x11A      | d.c. 2x11A     | d.c. 2x11A      | d.c. 2x11A     |
| Isc PV (absolute maximum):      | d.c. 2x17.2A    | d.c. 2x17.2A   | d.c. 2x17.2A    | d.c. 2x17.2A   |
| <b>AC output:</b>               |                 |                |                 |                |
| Rated grid voltage:             | a.c. 230/240V   |                |                 |                |
| Rated grid frequency:           | 50/60Hz         |                |                 |                |
| Rated output power:             | 2500W           | 3000W          | 3600W           | 4000W          |
| Max. AC output active power:    | 2800W           | 3300W          | 4000W           | 4400W          |
| Max. AC output apparent power:  | 2800VA          | 3300VA         | 4000VA          | 4400VA         |
| Max. Continuous output current: | a.c. 13.3A      | a.c. 15.7A     | a.c. 16A        | a.c. 21A       |
| Adjustable cos( $\varphi$ )     | -0.8...1...+0.8 |                |                 |                |

| Models                          | Solis-1P4.6K-4G | Solis-1P5K-4G | Solis-1P6K-4G |
|---------------------------------|-----------------|---------------|---------------|
| <b>PV input ratings:</b>        |                 |               |               |
| Max. input voltage:             | d.c. 600 V      |               |               |
| MPP voltage range:              | d.c. 90 – 520V  |               |               |
| Max. input current:             | d.c. 2x11A      |               |               |
| Isc PV (absolute maximum):      | d.c. 2x17.2A    |               |               |
| <b>AC output:</b>               |                 |               |               |
| Rated grid voltage:             | a.c. 230/240V   |               |               |
| Rated grid frequency:           | 50/60Hz         |               |               |
| Rated output power:             | 4600W           | 5000W         | 6000W         |
| Max. AC output active power:    | 5000W           | 5000W         | 6000W         |
| Max. AC output apparent power:  | 5000VA          | 5000VA        | 6000VA        |
| Max. Continuous output current: | a.c. 23.8A      | a.c. 25A      | a.c. 27.3A    |
| Adjustable cos(φ)               | -0.8...1...+0.8 |               |               |

|                         |                    |
|-------------------------|--------------------|
| General specifications: |                    |
| Protection class        | I                  |
| Degree of protection    | IP65               |
| Overvoltage category    | II(PV), III(MAINS) |
| Ambient temperature     | -25 ... +60°C      |

**Tested according to:** DIN VDE 0126-1-1 (VDE V 0126-1-1):2013