



Product Service

Attestation of Conformity

No. N8A 17 04 86470 020

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

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 704091623704-00



Date, 2017-04-06


(Zhengdong Ma)

After preparation of the necessary technical documentation as well as the EU conformity declaration the required CE marking can be affixed on the product. That declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Model(s):

Solis-1P5K-4G, Solis-1P4.6K-4G, Solis-1P4K-4G,
 Solis-1P3.6K-4G, Solis-1P3K-4G, Solis-1P2.5K-4G,
 Solis-1P2K-4G, Solis-1P1.5K-4G, Solis-1P1K-4G,
 URE-1P5K-4G, URE-1P4.6K-4G, URE-1P4K-4G,
 URE-1P3.6K-4G, URE-1P3K-4G, URE-1P2.5K-4G,
 URE-1P2K-4G, URE-1P1.5K-4G, URE-1P1K-4G,
 GCI-1P5K-4G, GCI-1P4.6K-4G, GCI-1P4K-4G,
 GCI-1P3.6K-4G, GCI-1P3K-4G, GCI-1P2.5K-4G,
 GCI-1P2K-4G, GCI-1P1.5K-4G, GCI-1P1K-4G,
 Mate-5K-4G, Mate-4.6K-4G, Mate-4K-4G,
 Mate-3.6K-4G, Mate-3K-4G, Mate-2.5K-4G,
 Mate-2K-4G, Mate-1.5K-4G, Mate-1K-4G,
 Solis-1P3K-4G-ST, URE-1P3K-4G-ST,
 GCI-1P3K-4G-ST, Mate-3K-4G-ST.

Parameters:

| | |
|---------------------------------|--------------------|
| Max. input voltage: | see attachment |
| MPP voltage range: | See attachment |
| Max. input current: | See attachment |
| Isc PV (absolute maximum): | See attachment |
| Rated grid voltage: | a.c. 230/240V |
| Rated grid frequency: | 50/60Hz |
| Max. AC output active power: | See attachment |
| Max. AC output apparent power: | See attachment |
| Max. continuous output current: | See attachment |
| Adjustable cos(ϕ): | 0.8...1...0.8 |
| Protection class: | I |
| Degree of protection: | IP65 |
| Overvoltage category: | III(MAINS), II(PV) |
| Ambient temperature: | -25 ... +60°C |

Other ratings refer to attachment.

Tested according to:

EN 62109-1:2010
 EN 62109-2:2011

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Electrical ratings for various models:

| Models | Solis-1P1K-4G GCI-1P1K-4G Mate-1K-4G URE-1P1K-4G | Solis-1P1.5K-4G GCI-1P1.5K-4G Mate-1.5K-4G URE-1P1.5K-4G | Solis-1P2K-4G GCI-1P2K-4G Mate-2K-4G URE-1P2K-4G | Solis-1P2.5K-4G GCI-1P2.5K-4G Mate-2.5K-4G URE-1P2.5K-4G |
|---------------------------------|---|---|---|---|
| PV input ratings: | | | | |
| Max. input voltage: | d.c. 550 V | | | |
| MPP voltage range: | d.c. 50 – 450V | | | |
| Max. input current: | d.c. 11A | | | |
| Isc PV (absolute maximum): | d.c. 17.2A | | | |
| AC output: | | | | |
| Rated grid voltage: | a.c. 230/240V | | | |
| Rated grid frequency: | 50/60Hz | | | |
| Max. AC output active power: | 1100W | 1700W | 2200W | 2800W |
| Max. AC output apparent power: | 1100VA | 1700VA | 2200VA | 2800VA |
| Max. Continuous output current: | a.c. 5.2A | a.c. 8.1A | a.c. 10.5A | a.c. 13.3A |

| Models | Solis-1P3K-4G GCI-1P3K-4G Mate-3K-4G URE-1P3K-4G | Solis-1P3.6K-4G GCI-1P3.6K-4G Mate-3.6K-4G URE-1P3.6K-4G | Solis-1P4K-4G GCI-1P4K-4G Mate-4K-4G URE-1P4K-4G | Solis-1P4.6K-4G GCI-1P4.6K-4G Mate-4.6K-4G URE-1P4.6K-4G | Solis-1P5K-4G GCI-1P5K-4G Mate-5K-4G URE-1P5K-4G |
|---------------------------------|---|---|---|---|---|
| PV input ratings: | | | | | |
| Max. input voltage: | d.c. 600 V | | | | |
| MPP voltage range: | d.c. 100 – 500V | | | | |
| Max. input current: | d.c. 2x11A | | | | |
| Isc PV (absolute maximum): | d.c. 2x17.2A | | | | |
| AC output: | | | | | |
| Rated grid voltage: | a.c. 230/240V | | | | |
| Rated grid frequency: | 50/60Hz | | | | |
| Max. AC output active power: | 3300W | 4000W | 4400W | 4600W | 5000W |
| Max. AC output apparent power: | 3300VA | 4000VA | 4400VA | 4600VA | 5000VA |
| Max. Continuous output current: | a.c. 15.7A | a.c. 16A | a.c. 21A | a.c. 25A | a.c. 25A |

| Models | Solis-1P3K-4G-ST, GCI-1P3K-4G-ST, Mate-3K-4G-ST, URE-1P3K-4G-ST |
|---------------------------------|---|
| PV input ratings: | |
| Max. input voltage: | d.c. 600 V |
| MPP voltage range: | d.c. 100 – 500V |
| Max. input current: | d.c. 11A |
| Isc PV (absolute maximum): | d.c. 17.2A |
| AC output: | |
| Rated grid voltage: | a.c. 230/240V |
| Rated grid frequency: | 50/60Hz |
| Max. AC output active power: | 3300W |
| Max. AC output apparent power: | 3300VA |
| Max. Continuous output current: | a.c. 15.7A |

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