



Product Service

# Compliance Document

No. D 17 04 86470 021

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

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 Binhai Industrial Park, Xiangshan  
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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.:** 704091623706-00



**Date,** 2017-04-19

*Zhengdong Ma*  
 ( Zhengdong Ma )

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**Model(s):** Solis-1P4.6K-4G, Solis-1P4K-4G, Solis-1P3.6K-4G, Solis-1P3K-4G, Solis-1P3K-4G-ST, URE-1P4.6K-4G, URE-1P4K-4G, URE-1P3.6K-4G, URE-1P3K-4G, URE-1P3K-4G-ST, GCI-1P4.6K-4G, GCI-1P4K-4G, GCI-1P3.6K-4G, GCI-1P3K-4G, GCI-1P3K-4G-ST, Mate-4.6K-4G, Mate-4K-4G, Mate-3.6K-4G, Mate-3K-4G, 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:             | 230V               |
| 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( $\phi$ ):       | 0.8...1...0.8      |
| Protection class:               | I                  |
| Degree of protection:           | IP65               |
| Overvoltage category:           | II(PV), III(MAINS) |
| Ambient temperature:            | -25... +60°C       |

Other ratings refer to attachment.

**Tested according to:** VDE-AR-N 4105:2011  
DIN VDE V 0124-100(VDE V 0124-100):2012  
DIN VDE 0126-1-1(VDE V 0126-1-1):2013

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Electrical ratings for various models:

| Models                          | Solis-1P3K-4G<br>GCI-1P3K-4G<br>Mate-3K-4G<br>URE-1P3K-4G | Solis-1P3.6K-4G<br>GCI-1P3.6K-4G<br>Mate-3.6K-4G<br>URE-1P3.6K-4G | Solis-1P4K-4G<br>GCI-1P4K-4G<br>Mate-4K-4G<br>URE-1P4K-4G | Solis-1P4.6K-4G<br>GCI-1P4.6K-4G<br>Mate-4.6K-4G<br>URE-1P4.6K-4G |
|---------------------------------|---|---|---|---|
| <b>PV input ratings:</b>        |   |   |   |   |
| 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  |   |   |   |
| <b>AC output:</b>               |   |   |   |   |
| Rated grid voltage:             | a.c. 230/240V   |   |   |   |
| Rated grid frequency:           | 50/60Hz   |   |   |   |
| Max. AC output active power:    | 3300W   | 4000W   | 4400W   | 4600W   |
| Max. AC output apparent power:  | 3300VA  | 4000VA  | 4400VA  | 4600VA  |
| Max. Continuous output current: | a.c. 15.7A  | a.c. 16A  | a.c. 21A  | a.c. 25A  |

| Models                          | Solis-1P3K-4G-ST, GCI-1P3K-4G-ST, Mate-3K-4G-ST, URE-1P3K-4G-ST |
|---------------------------------|---|
| <b>PV input ratings:</b>        |   |
| 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  |
| <b>AC output:</b>               |   |
| 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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