



Product Service

Compliance Document

No. D 086470 0039 Rev. 00

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 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
PV input ratings:				
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
AC output:				
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(ϕ)	-0.8...1...+0.8			

Models	Solis-1P4.6K-4G	Solis-1P5K-4G	Solis-1P6K-4G
PV input ratings:			
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		
AC output:			
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

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