



Product Service

Attestation of Conformity

No. N8A 086470 0020 Rev. 06

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

Product: **Converter**
PV 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. For details see: www.tuvsud.com/ps-cert

Test report no.: 704091623704-06

Date, 2022-07-13

(Zhengdong Ma)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The 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-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G-MX, Solis-1P5K-4G, Solis-1P6K-4G

Solis-1P2.5K-4G-C, Solis-1P3K-4G-C, Solis-1P3.6K-4G-C, Solis-1P4K-4G-C, Solis-1P4.6K-4G-C, Solis-1P5K-4G-MX-C, Solis-1P5K-4G-C, Solis-1P6K-4G-C

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

S6-GR1P2.5K-R, S6-GR1P3K-R, S6-GR1P3.6K-R, S6-GR1P4K-R, S6-GR1P4.6K-R, S6-GR1P5K-R, S6-GR1P6K-R

S6-GR1P2.5K-B, S6-GR1P3K-B, S6-GR1P3.6K-B, S6-GR1P4K-B, S6-GR1P4.6K-B, S6-GR1P5K-B, S6-GR1P6K-B

Parameters:

Models	Solis-1P2.5K-4G Solis-1P2.5K-4G-C	Solis-1P3K-4G Solis-1P3K-4G-C	Solis-1P3.6K-4G Solis-1P3.6K-4G-C	Solis-1P4K-4G Solis-1P4K-4G-C
PV input ratings:				
Max. input voltage:	550Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.
MPP voltage range:	50-450Vd.c.	90-520Vd.c.	90-520Vd.c.	90-520Vd.c.
Max. input current:	2 x 11Ad.c.	2 x 11Ad.c.	2 x 11Ad.c.	2 x 11Ad.c.
Isc PV (absolute maximum):	2 x 17.2Ad.c.	2 x 17.2Ad.c.	2 x 17.2Ad.c.	2 x 17.2Ad.c.
AC output ratings:				
Rated grid voltage:	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.
Rated grid frequency:	50/60Hz	50/60Hz	50/60Hz	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:	13.3Aa.c.	15.7Aa.c.	16Aa.c.	21Aa.c.



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Models	Solis-1P4.6K-4G Solis-1P4.6K-4G-C	Solis-1P5K-4G Solis-1P5K-4G-C	Solis-1P5K-4G-MX Solis-1P5K-4G-MX-C	Solis-1P6K-4G Solis-1P6K-4G-C
PV input ratings:				
Max. input voltage:	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.
MPP voltage range:	90-520Vd.c.	90-520Vd.c.	90-520Vd.c.	90-520Vd.c.
Max. input current:	2 x 11Ad.c.	2 x 11Ad.c.	2 x 11Ad.c.	2 x 11Ad.c.
Isc PV (absolute maximum):	2 x 17.2Ad.c.	2 x 17.2Ad.c.	2 x 17.2Ad.c.	2 x 17.2Ad.c.
AC output ratings:				
Rated grid voltage:	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.
Rated grid frequency:	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated output power:	4600W	5000W	4999W	6000W
Max. AC output active power:	5000W	5000W	4999W	6000W
Max. AC output apparent power:	5000VA	5000VA	4999VA	6000VA
Max. continuous output current:	23.8Aa.c.	25Aa.c.	21.7Aa.c.	27.3Aa.c.

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Models	S5-GR1P2.5K S6-GR1P2.5K S6-GR1P2.5K-R S6-GR1P2.5K-B	S5-GR1P3K S6-GR1P3K S6-GR1P3K-R S6-GR1P3K-B	S5-GR1P3.6K S6-GR1P3.6K S6-GR1P3.6K-R S6-GR1P3.6K-B	S5-GR1P4K S6-GR1P4K S6-GR1P4K-R S6-GR1P4K-B
PV input ratings:				
Max. input voltage:	550Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.
MPP voltage range:	50-450Vd.c.	90-520Vd.c.	90-520Vd.c.	90-520Vd.c.
Max. input current:	2 x 14Ad.c.	2 x 14Ad.c.	2 x 14Ad.c.	2 x 14Ad.c.
Isc PV (absolute maximum):	2 x 22Ad.c.	2 x 22Ad.c.	2 x 22Ad.c.	2 x 22Ad.c.
AC output ratings:				
Rated grid voltage:	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.
Rated grid frequency:	50/60Hz	50/60Hz	50/60Hz	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:	13.3Aa.c.	15.7Aa.c.	16Aa.c.	21Aa.c.



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Models	S5-GR1P4.6K S6-GR1P4.6K S6-GR1P4.6K-R S6-GR1P4.6K-B	S5-GR1P5K S6-GR1P5K S6-GR1P5K-R S6-GR1P5K-B	S5-GR1P6K S6-GR1P6K S6-GR1P6K-R S6-GR1P6K-B
Max. input voltage:	600Vd.c.	600Vd.c.	600Vd.c.
MPP voltage range:	90-520Vd.c.	90-520Vd.c.	90-520Vd.c.
Max. input current:	2 x 14Ad.c.	2 x 14Ad.c.	2 x 14Ad.c.
Isc PV (absolute maximum):	2 x 22Ad.c.	2 x 22Ad.c.	2 x 22Ad.c.
Rated grid voltage:	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.	1/N/PE 220/230Va.c.
Rated grid frequency:	50/60Hz	50/60Hz	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:	23.8Aa.c.	25Aa.c.	27.3Aa.c.

General specifications:		
Models	S6 series moldes	all other models
Adjustable cos(φ)	-0.8...1...+0.8	
Protection class	I	
Degree of protection	IP66	IP65
Overvoltage category	II(PV), III(MAINS)	
Ambient temperature	-25°C ... +60°C	
Inverter topology	Non-isolated	

Tested according to:

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