



Product Service

CERTIFICATE

No. B 086470 0019 Rev. 03

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

No.57 Jintong Road
Binhai Industrial Park, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

**Converter
PV Grid-Tied Inverter**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704091623704-03

Valid until: 2025-11-29

Date, 2020-11-30

(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-1P5K-4G-MX, 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-C,
 Solis-1P5K-4G-MX-C, Solis-1P6K-4G-C,
 S5-GR1P2.5K, S5-GR1P3K,
 S5-GR1P3.6K, S5-GR1P4K,
 S5-GR1P4.6K, S5-GR1P5K,
 S5-GR1P6K.

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:	220/230/240Va.c.	220/230/240Va.c.	220/230/240Va.c.	220/230/240Va.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-GR1P2.5K	S5-GR1P3K	S5-GR1P3.6K	S5-GR1P4K
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 12.5Ad.c.	2 x 12.5Ad.c.	2 x 12.5Ad.c.	2 x 12.5Ad.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:	220/230/240Va.c.	220/230/240Va.c.	220/230/240Va.c.	220/230/240Va.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:	220/230/240Va.c.	220/230/240Va.c.	220/230/240Va.c.	220/230/240Va.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-GR1P4.6K	S5-GR1P5K	S5-GR1P6K
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 12.5Ad.c.	2 x 12.5Ad.c.	2 x 12.5Ad.c.
Isc PV (absolute maximum):	2 x 17.2Ad.c.	2 x 17.2Ad.c.	2 x 17.2Ad.c.
Rated grid voltage:	220/230/240Va.c.	220/230/240Va.c.	220/230/240Va.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:	
Adjustable cos(φ)	-0.8...1...+0.8
Protection class	I
Degree of protection	IP65
Oversvoltage category	II(PV), III(MAINS)
Ambient temperature	-25°C ... +60°C
Inverter topology	Non-isolated

Tested according to: EN 62109-1:2010
 EN 62109-1:2011
 IEC 62109-1(ed.1)
 IEC 62109-2(ed.1)

Production Facility(ies): 086470