



Product Service

# Attestation of Conformity

No. E8A 086470 0086 Rev. 01

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

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

**Name of Object:** **Converter**  
**(Grid-connected Photovoltaic inverter)**

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64772218005802

**Date,** 2021-08-16

( Tony Liu )

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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.

## Trade name:

**solis**



## Description of Object:

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	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 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	S5-GR1P5K	S5-GR1P6K	S6-GR1P2.5K
PV input ratings:				
Max. input voltage:	600Vd.c.	600Vd.c.	600Vd.c.	550Vd.c.
MPP voltage range:	90-520Vd.c.	90-520Vd.c.	90-520Vd.c.	50-450Vd.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:	4600W	5000W	6000W	2500W
Max. AC output active power:	5000W	5000W	6000W	2800W
Max. AC output apparent power:	5000VA	5000VA	6000VA	2800VA
Max. continuous output current:	23.8Aa.c.	25Aa.c.	27.3Aa.c.	13.3Aa.c.

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Models	S6-GR1P3K	S6-GR1P3.6K	S6-GR1P4K	S6-GR1P4.6K
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 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:	3000W	3600W	4000W	4600W
Max. AC output active power:	3300W	4000W	4400W	5000W
Max. AC output apparent power:	3300VA	4000VA	4400VA	5000VA
Max. continuous output current:	15.7Aa.c.	16Aa.c.	21Aa.c.	23.8Aa.c.

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Models	S6-GR1P5K	S6-GR1P6K	S6-GR1P2.5K-R	S6-GR1P3K-R
PV input ratings:				
Max. input voltage:	600Vd.c.	600Vd.c.	550d.c.	600Vd.c.
MPP voltage range:	90-520Vd.c.	90-520Vd.c.	50-450Vd.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:	5000W	6000W	2500W	3000W
Max. AC output active power:	5000W	6000W	2800W	3300W
Max. AC output apparent power:	5000VA	6000VA	2800VA	3300VA
Max. continuous output current:	25Aa.c.	27.3Aa.c.	13.3Aa.c.	15.7Aa.c.



# Attestation of Conformity

No. E8A 086470 0086 Rev. 01

Models	S6-GR1P3.6K-R	S6-GR1P4K-R	S6-GR1P4.6K-R	S6-GR1P5K-R	S6-GR1P6K-R
PV input ratings:					
Max. input voltage:	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.
MPP voltage range:	90-520Vd.c.	90-520Vd.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.	2 x 14Ad.c.
Isc PV (absolute maximum):	2 x 22Ad.c.	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.	1/N/PE 220/230Va.c.
Rated grid frequency:	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated output power:	3600W	4000W	4600W	5000W	6000W
Max. AC output active power:	4000W	4400W	5000W	5000W	6000W
Max. AC output apparent power:	4000VA	4400VA	5000VA	5000VA	6000VA
Max. continuous output current:	16Aa.c.	21Aa.c.	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
Overvoltage category	II(PV), III(MAINS)
Ambient temperature	-25°C ... +60°C
Inverter topology	Non-isolated

**Tested according to:**

EN IEC 61000-6-1:2019  
 EN IEC 61000-6-2:2019  
 EN 61000-6-3:2007/A1:2011  
 EN IEC 61000-6-4:2019