

Compliance Document

No. D 086470 0054 Rev. 01

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

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

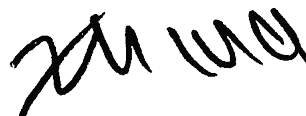
Product:

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

Test report no.: 704091907629-01

Date, 2020-12-18



(Zhengdong Ma)

Compliance Document

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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, S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K.

Parameters:

Models	Solis-1P2.5K-4G	Solis-1P3K-4G	Solis-1P3.6K-4G	Solis-1P4K-4G
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	230Va.c.	230Va.c.	230Va.c.	230Va.c.
Rated grid frequency	50Hz	50Hz	50Hz	50Hz
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.

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	230Va.c.	230Va.c.	230Va.c.	230Va.c.
Rated grid frequency	50Hz	50Hz	50Hz	50Hz
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.

Compliance Document

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Models	Solis-1P4.6K-4G	Solis-1P5K-4G	Solis-1P6K-4G
PV input ratings:			
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 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.
AC output ratings:			
Rated grid voltage	230Va.c.	230Va.c.	230Va.c.
Rated grid frequency	50Hz	50Hz	50Hz
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.

Models	S5-GR1P4.6K	S5-GR1P5K	S5-GR1P6K
PV input ratings:			
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.
AC output ratings:			
Rated grid voltage	230Va.c.	230Va.c.	230Va.c.
Rated grid frequency	50Hz	50Hz	50Hz
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.

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General specifications:	
Adjustable $\cos(\varphi)$	-0.8...1...+0.8
Protection class	I
Degree of protection	IP65
Overvoltage category	II(PV), III(MAINS)
Ambient temperature	-25°C ... +60°C

DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR STATIC CONVERSION	ROTATING GENERATOR DEVICE
X	X	X	

Manufacturer: Ginlong Technologies Co., Ltd.
Firmware version: V2E

**Tested
according to:**

CEI 0-21:2019