



Product Service

Attestation of Conformity

No. N8A 086470 0030 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

Product: **Converter**
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.: 704091716002-03

Date, 2021-09-10

(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-25K-LV, Solis-30K-LV, Solis-40K, Solis-50K, Solis-50K-HV, Solis-60K-HV, Solis-60K-4G

Parameters:

Max. input voltage:	See attachment
MPP voltage range:	See attachment
Max. input current:	See attachment
Isc PV (absolute maximum):	See attachment
Rated grid voltage	See attachment
Rated grid frequency	50/60Hz
Max. AC output active power:	See attachment
Max. AC output apparent power	See attachment
Max. continuous output current:	See attachment
Adjustable cos(Φ):	-0.8...1...+0.8
Protection class	I
Degree of protection	IP65
Overtoltage category	II(PV), III(MAINS)
Ambient temperature	-25 ... +60°C
Other ratings refer to attachments.	

Electrical ratings for various model:

Models	Solis-25K-LV	Solis-30K-LV	Solis-40K	Solis-50K
PV input ratings				
Max. input voltage:	d.c. 1100 V	d.c. 1100 V	d.c. 1100 V	d.c. 1100 V
MPP voltage range:	d.c. 200-850V	d.c. 200-850V	d.c. 200-1000V	d.c. 200-1000V
Max. input current:	d.c. 2×28.5A	d.c. 2×28.5A	d.c. 4×22A	d.c. 4×28.5A
Isc PV (absolute maximum):	d.c. 2×44.5A	d.c. 2×44.5A	d.c. 4×34.3A	d.c. 4×44.5A
AC output ratings				
Rated grid voltage:	3~ 220V	3~ 220V	3/N/PE~ 230/400V	3/N/PE~ 230/400V
Rated grid frequency:	50/60Hz			
Max. AC output active power:	25000W	30000W	44000W	55000W
Max. AC output apparent power:	25000VA	30000VA	44000VA	55000VA
Max. Continuous output current:	a.c. 65.6 A	a.c. 78.8 A	a.c. 66.9 A	a.c. 83.3 A

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Models	Solis-50K-HV	Solis-60K-HV	Solis-60K-4G
PV input ratings			
Max. input voltage:	d.c. 1100 V	d.c. 1100 V	d.c. 1100 V
MPP voltage range:	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-1000V
Max. input current:	d.c. 4×22A	d.c. 4×28.5A	d.c. 4×28.5A
Isc PV (absolute maximum):	d.c. 4×34.3A	d.c. 4×44.5A	d.c. 4×44.5A
AC output ratings			
Rated grid voltage:	3~ 480V	3~ 480V	3/N/PE~ 230/400V
Rated grid frequency:	50/60Hz		
Max. AC output active power:	55000W	66000W	66000W
Max. AC output apparent power:	55000VA	66000VA	66000VA
Max. Continuous output current:	a.c. 66.2 A	a.c. 80 A	a.c. 100 A

Tested according to:

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

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