



Product Service

CERTIFICATE

No. B 086470 0029 Rev. 02

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
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.: 704091716002-04

Valid until: 2027-11-03

Date, 2022-11-14

(Zhengdong Ma)

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

Electrical ratings for various models:

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/PE~ 220V	3/PE~ 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/PE~ 480V	3/PE~ 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
 IEC 62109-1:2010
 IEC 62109-2:2011