



Product Service

CERTIFICATE

No. B 18 06 86470 029

Holder of Certificate: **Ningbo 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. See also notes overleaf.

Test report no.: 704091716002-02

Valid until: 2023-06-12

Date, 2018-06-20
 Page 1 of 3

(Handwritten signature)
 (Zhengdong Ma)





CERTIFICATE

No. B 18 06 86470 029

Model(s):

Solis-25K-LV, Solis-30K-LV, Solis-40K,
 Solis-50K, Solis-50K-HV, Solis-60K-HV,
 Solis-60K-4G, Solapowa-40K, Solapowa-50K,
 Solapowa-50K-HV, Solapowa-60K-HV, Soltaro-40K,
 Soltaro-50K, Soltaro-50K-HV, Soltaro-60K-HV,
 URE-40K, URE-50K.

Parameters:

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

Tested according to:

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

Production Facility(ies):

86470

CERTIFICATE
No. B 18 06 86470 029



Product Service

Electrical ratings for various models:

Models	Solis-25K-LV	Solis-30K-LV	Solis-40K URE-40K Solapowa-40K Soltaro-40K	Solis-50K URE-50K Solapowa-50K Soltaro-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:				
Rated grid voltage:	a.c. 3/PE~ 220V	a.c. 3/PE~ 220V	a.c. 3/N/PE~ 400/230V	a.c. 3/N/PE~ 400/230V
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

Models	Solis-50K-HV Solapowa-50K-HV Soltaro-50K-HV	Solis-60K-HV Solapowa-60K-HV Soltaro-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:			
Rated grid voltage:	a.c. 3/PE~ 480V	a.c. 3/PE~ 480V	a.c. 3/N/PE~ 400/230V
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