



Product Service

# CERTIFICATE

No. B 086470 0063 Rev. 00

**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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704091907604-02

**Valid until:** 2025-08-24

**Date,** 2020-09-01

( Zhengdong Ma )

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**Model(s):** Solis-125K1-EHV-5G, Solis-125K-EHV-5G,  
Solis-100K-EHV-5G

## Parameters:

Max. input voltage:	d.c. 1500 V
MPP voltage range:	d.c. 860-1450 V
Max. input current:	d.c. 150 A(Solis-125K1-EHV-5G, Solis-125K-EHV-5G), d.c. 120 A(Solis-100K-EHV-5G)
Isc PV (absolute maximum):	d.c. 300 A(Solis-125K1-EHV-5G, Solis-125K-EHV-5G), d.c. 250 A(Solis-100K-EHV-5G),
Rated grid voltage	a.c. 3/PE~ 600V
Rated grid frequency	50/60Hz
Max. AC output active power:	125000 W(Solis-125K1-EHV-5G, Solis-125K-EHV-5G), 100000 W(Solis-100K-EHV-5G)
Max. AC output apparent power	125000 VA(Solis-125K1-EHV-5G, Solis-125K-EHV-5G), 100000 VA(Solis-100K-EHV-5G)
Max. continuous output current:	a.c. 120 A(Solis-125K1-EHV-5G, Solis-125K-EHV-5G), a.c. 96 A(Solis-100K-EHV-5G)
Adjustable cos( $\Phi$ ):	-0.8...1...+0.8
Protection class	I
Degree of protection	IP65
Overvoltage category	II(PV), III(MAINS)
Ambient temperature	-25 ... +60°C

**Tested according to:** IEC 62109-1(ed.1)  
IEC 62109-2(ed.1)  
EN 62109-1:2010  
EN 62109-2:2011

**Production Facility(ies):** 086470