

**Certificate Number:** AZ 69024013

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV024013E

*This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 has examined for compliance with certification standards, the electrical equipment described hereunder and authorises the certificate holder to affix the above mentioned mark to products of the same type; or the Regulatory Compliance Mark (RCM) provided that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled*

### CERTIFICATE HOLDER:

Ningbo Ginlong technologies  
Co., Ltd.  
No.57 Jintong Road, Binhai,  
(seafront), Industrial Park,  
Xiangshan Ningbo, Zhejiang 315712  
P. R. China

### DESCRIPTION OF EQUIPMENT

**Declared class:** Non-declared

**Product:** Grid-Connected PV Inverter

**Trade Name / Manufacturer:** Ginlong

**Model Number:** Solis-1P7K-5G , Solis-1P8K-5G

**Ratings:** (Ratings info refer to CONTINUATION SHEET 1).

**Standard:** AS/NZS 4777.2:2015  
IEC 62109-1:2010  
IEC 62109-2:2011

**Issue Date:** 17/01/2020

**Expiry Date:** 17/01/2025

*Signed for and on behalf of TÜV Rheinland Australia Pty Ltd*

A handwritten signature in blue ink, appearing to read 'Grant Li', written over a white rectangular background.

Grant Li



Acc. No. Z2870404AA  
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

For all models:

Output voltage: 230Va.c., 50Hz, L/N/PE, single-phase;

Power factor: > 0.99 (adjustable 0.8 inductive to 0.8 capacitive);

Class I, IP65, PD 3;

Operating Temp.: -25°C to 60°C (>45°C derating);

Overvoltage Category (OVC): PV input: OVC II,

Grid Output: OVC III

For model Solis-1P8K-5G:

Input:

Vd.c. max: 600Vd.c., Vd.c. MPPT: 90 - 520Vd.c.,

Id.c. max: 12.5 / 25 Ad.c.,

Output:

Rated AC Power: 8000W @45°C amb,

Ia.c. max.: 34.8Aa.c.

For model Solis-1P7K-5G:

Input:

Vd.c. max: 600Vd.c., Vd.c. MPPT: 90 - 520Vd.c.,

Id.c. max: 12.5 / 25 Ad.c.,

Output:

Rated AC Power: 7000W @45°C amb,

Ia.c. max.: 33.5Aa.c.

Issue Date: 17/01/2020

Expiry Date: 17/01/2025

*Signed for and on behalf of TÜV Rheinland Australia Pty Ltd*

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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 2

(Modification 1)

1. Change license holder's name  
From Ningbo Ginlong Technologies Co., Ltd  
to Ginlong Technologies Co., Ltd
2. Add assessment to AS/NZS 4777.2:2015 appendix G for  
Short duration under volatge response test for all models.

Issue Date: 02/11/2020

Expiry Date: 17/01/2025

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

**TÜV Rheinland**

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Grant Li



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