

Certificate Number: AZ 69024255

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV024255E

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
315712 Zhejiang
P.R. China

DESCRIPTION OF EQUIPMENT

Declared class: Non-declared
Product: Grid-Connected PV Inverter
Trade Name / Manufacturer: Ginlong
Model Number: Solis-25K-5G-AU , Solis-30K-5G-AU , Solis-30K-5G-AU-MX ,
Solis-33K-5G-AU , Solis-36K-5G-AU , Solis-40K-5G-AU ,
Solis-40K-HV-5G-AU , Solis-50K-HV-5G-AU
Ratings: Ratings info refer to CONTINUATION SHEET 1 - 3
Standard: AS/NZS 4777.2:2015
IEC 62109-1:2010
IEC 62109-2:2011
Issue Date: 26/05/2020
Expiry Date: 26/05/2025

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Billy Chu



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

For all models:

Output voltage: 230/400Va.c., 3/N/PE for normal voltage,
277/480Va.c., 3/PE for model with "HV" code, 50Hz
3/N/PE, Three-phase;
Power factor: > 0.99 (adjustable 0.8 inductive to
0.8 capacitive); Class I, IP65, PD 2;
Operating Temp.: -25°C to 60°C (>45°C derating);
Overvoltage Category (OVC): PV input: OVC II,
Grid Output: OVC III

For model Solis-50K-HV-5G-AU:

Input:

Vd.c. max: 1100Vd.c., Vd.c. MPPT: 200-1000Vd.c.,
Id.c. max: 26 / 26 / 26 / 26 Ad.c.,

Output:

Rated AC Power: 50000W @45°C amb; 55000VA;
Ia.c. max.: 66.2Aa.c.

For model Solis-40K-HV-5G-AU:

Input: Vd.c. max: 1100Vd.c., Vd.c. MPPT: 200-1000Vd.c.,
Id.c. max: 26 / 26 / 26 / 26 Ad.c.,

Output: Rated AC Power: 40000W @45°C amb; 44000VA;
Ia.c. max.: 53.0Aa.c.

Issue Date: 26/05/2020

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

For model Solis-40K-5G-AU:

Input:

Vd.c. max: 1100Vd.c., Vd.c. MPPT: 200-1000Vd.c.,

Id.c. max: 26 / 26 / 26 / 26 Ad.c.,

Output:

Rated AC Power: 40000W @45°C amb; 44000VA;

Ia.c. max.: 66.9Aa.c.

For model Solis-36K-5G-AU:

Input:

Vd.c. max: 1100Vd.c., Vd.c. MPPT: 200-1000Vd.c.,

Id.c. max: 26 / 26 / 26 / 26 Ad.c.,

Output:

Rated AC Power: 36000W @45°C amb; 39600VA;

Ia.c. max.: 60.2Aa.c.

For model Solis-33K-5G-AU:

Input:

Vd.c. max: 1100Vd.c., Vd.c. MPPT: 200-1000Vd.c.,

Id.c. max: 26 / 26 / 26 / 26 Ad.c.,

Output:

Rated AC Power: 33000W @45°C amb; 36300VA;

Ia.c. max.: 55.1Aa.c.

Issue Date: 26/05/2020

Expiry Date: 26/05/2025

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Billy Chu



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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

For model Solis-30K-5G-AU-MX:

Input:

Vd.c. max: 1100Vd.c., Vd.c. MPPT: 200-1000Vd.c.,

Id.c. max: 26 / 26 / 26 / 26Ad.c.,

Output:

Rated AC Power: 29999W @45°C amb; 29999VA

Ia.c. max.: 43.3Aa.c.

For model Solis-30K-5G-AU:

Input:

Vd.c. max: 1100Vd.c., Vd.c. MPPT: 200-1000Vd.c.,

Id.c. max: 26 / 26 / 26 / 26 Ad.c.,

Output:

Rated AC Power: 30000W @45°C amb; 33000VA;

Ia.c. max.: 50.2Aa.c.

For model Solis-25K-5G-AU:

Input:

Vd.c. max: 1100Vd.c., Vd.c. MPPT: 200-1000Vd.c.,

Id.c. max: 26 / 26 / 26 / 26Ad.c.,

Output:

Rated AC Power: 25000W @45°C amb; 27500VA;

Ia.c. max.: 41.8Aa.c.

Issue Date: 26/05/2020

Expiry Date: 26/05/2025

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Billy Chu



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CONTINUATION SHEET 4

(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: 26/05/2025

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

TÜV Rheinland

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Grant Li



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