

CERTIFICATE OF SUITABILITY

Authorised marking: TUV023047E

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-3P5K-4G-AU; Solis-3P6K-4G-AU; Solis-3P8K-4G-AU;
Solis-3P9K-4G-AU; Solis-3P10K-4G-AU; Solis-3P12K-4G;
Solis-3P15K-4G; Solis-3P17K-4G; Solis-3P20K-4G.

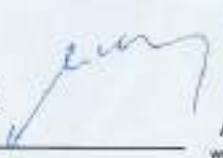
Ratings: (Ratings info refer to CONTINIATION SHEET 1 - 2).

Standard: AS/NZS 4777 2:2015
IEC 62109-1:2010
IEC 62109-2:2011

Issue Date: 02/10/2018

Expiry Date: 02/10/2023

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd


Billy Chu



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings information:

For all models:

Output voltage: 230/400V a.c., 3/N/PE, 50/60Hz, three-phase;

Class I, IP65, PD3, Transformerless;

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

Overvoltage Category (OVC) for AC output: III;

Maximum input voltage: 1000V d.c., Independent MPPT: 2;

MPPT Voltage: 160-850V d.c.;

Overvoltage Category (OVC) for PV output: II.

For model Solis-3P5K-4G-AU:

Input: I_{max}: 22+11A, I(s.c.) input: 34.3+17.2Ad.c.;

Output: P_n: 5000W, Apparent Power: 5500VA, I_{max}: 7.9A.

For model Solis-3P6K-4G-AU:

Input: I_{max}: 22+11A, I(s.c.) input: 34.3+17.2Ad.c.;

Output: P_n: 6000W, Apparent Power: 6600VA, I_{max}: 9.5A.

For model Solis-3P8K-4G-AU:

Input: I_{max}: 22+22A, I(s.c.) input: 34.3+34.3Ad.c.;

Output: P_n: 8000W, Apparent Power: 8800VA, I_{max}: 12.7A.

For model Solis-3P9K-4G-AU:

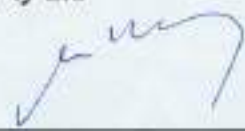
Input: I_{max}: 22+22A, I(s.c.) input: 34.3+34.3Ad.c.;

Output: P_n: 9000W, Apparent Power: 9900VA, I_{max}: 14.2A.

Issue Date: 02/10/2018

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings information:

For model Solis-3P10K-4G-AU:

Input: I_{max}: 22+22A, I(s.c.) input: 34.3+34.3Ad.c.;

Output: P_n: 10000W, Apparent Power: 11000VA, I_{max}: 15.9A.

For model Solis -3P12K-4G:

Input: I_{max}: 22+22A, I(s.c.) input: 34.3+34.3Ad.c.;

Output: P_n: 12000W, Apparent Power: 13200VA, I_{max}: 19.1A.

For model Solis -3P15K-4G:

Input: I_{max}: 22+22A, I(s.c.) input: 34.3+34.3Ad.c.;

Output: P_n: 15000W, Apparent Power: 16500VA, I_{max}: 23.8A.

For model Solis -3P17K-4G:

Input: I_{max}: 22+22A, I(s.c.) input: 34.3+34.3Ad.c.;

Output: P_n: 17000W, Apparent Power: 18700VA, I_{max}: 27.0A.

For model Solis -3P20K-4G:

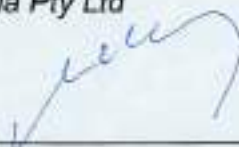
Input: I_{max}: 22+22A, I(s.c.) input: 34.3+34.3Ad.c.;

Output: P_n: 20000W, Apparent Power: 22000VA, I_{max}: 31.8A.

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