

Certificate Number: AZ 69024767

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV024767E

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:

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: Hybrid Inverter

Trade Name / Manufacturer: Solis

Model Number: RHI-3P5K-HVES-5G , RHI-3P6K-HVES-5G , RHI-3P8K-HVES-5G
RHI-3P10K-HVES-5G
Model no. info details refer to Continuation Sheet 1-2.

Ratings: Ratings info details refer to Continuation Sheet 1-2.

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

Issue Date: 09/12/2020

Expiry Date: 09/12/2025

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

General rating for all models:

For all models:

PV Input: VDC max.: 1000Vd.c., VDC MPPT: 200-850Vd.c.,

Battery Input Voltage: 160-600Vd.c.,

Max. charge current: 25A, Max. discharge current: 25A.

Output Voltage: 380/400V 3/N/PE 50Hz,

Power Factor: >0.99 (adjustable 0.8 inductive to 0.8 capacitive), Class I, IP65.

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

Overvoltage Category (OVC): DC input: II; Grid Output: III.

For model RHI-3P5K-HVES-5G :

PV Input: IDC max.: 13/13A, Is.c.: 19.5/19.5A.

Rated AC Power: 5000VA @45°C amb., IAC max.: 8.4A,

Max. AC Output Power at $\cos\phi=\pm 0.8$: 4000W@45°C amb.

For model RHI-3P6K-HVES-5G :

PV Input: IDC max.: 13/13A, Is.c.: 19.5/19.5A.

Rated AC Power: 6000VA @45°C amb., IAC max.: 10A,

Max. AC Output Power at $\cos\phi=\pm 0.8$: 4800W@45°C amb.

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

For model RHI-3P8K-HVES-5G :

PV Input: IDC max.: 26/13A, Is.c.: 39.0/19.5A.

Rated AC Power: 8000VA @45°C amb., IAC max.: 13.4A,

Max. AC Output Power at $\cos\phi=\pm 0.8$: 6400W@45°C amb.

For model RHI-3P10K-HVES-5G :

PV Input: IDC max.: 26/26A, Is.c.: 39.0/39.0A.

Rated AC Power: 10000VA @45°C amb., IAC max.: 16.7A,

Max. AC Output Power at $\cos\phi=\pm 0.8$: 8000W@45°C amb.

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