

Certificate Number: AZ 69027177

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027177-E

TÜV Rheinland Australia Pty Ltd "Electrical Product Safety Certification (EPSC) Scheme", accredited by JAS-ANZ in accordance with ISO/IEC 17065, has issued this certificate under JAS-ANZ accreditation. The electrical equipment described hereunder has been evaluated and found to be electrically safe at the time of certification and met the minimum safety requirements contained in Australian Standard AS/NZS 3820 as of current. It is a requirement that all equipment supplied under this certificate shall be identical to the equipment as certified. The certificate holder may affix the above mentioned authorised marking on the product.

CERTIFICATE HOLDER:

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

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Grid-connected PV Inverter

Trade Name / Manufacturer:

Solis

Model Number:

Solis-215K-EHV-5G-PLUS , Solis-250K-EHV-5G ,
Solis-250K-EHV-5G-PLUS , Solis-255K-EHV-5G ,
Solis-255K-EHV-5G-PLUS

Ratings:

Ratings refer to Continuation Sheets 1 for details

Standard:

AS/NZS 4777.2:2020+A1
IEC 62109-2:2011
IEC 62109-1:2010

Issue Date:

07/06/2023

Expiry Date:

07/06/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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CONTINUATION SHEET 1

Description of Equipment

Ratings:

For all models:

Protection: Class I, IP66, PD 3

Operating Temp.: -30°C to 60°C (>45°C derating)

Overvoltage Category (OVC): PV side: II; Grid side: III

PV input:

Vmax: 1500Vdc

VMPP : 480 - 1500Vdc

Isc: 9x50A, 14x40A, 12x50A, 14x40A, 12x50A

I_{max}: 9x30A, 14x26A, 12x30A, 14x26A, 12x30A

AC output:

Rated voltage: 3/PE, 800V

Rated frequency: 50/60Hz,

Rated Power: 215kW, 250kW, 250kW, 255kW, 255kW

Max apparent power: 215kVA, 250kVA, 250kVA, 255kVA, 255kVA

Max current: 155.2A, 180.4A, 180.4A, 184A, 184A

Power factor: Default 1 [-0.8, 0.8 adjustable]

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