

Certificate Number: AZ 69027418

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027418-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-80K-5G , Solis-100K-5G-AU , Solis-110K-5G-AU ,
Solis-125K-HV-5G-AU , S5-GC80K , S5-GC100K-AU ,
S5-GC110K-AU , S5-GC125K-HV-AU

Ratings:

Ratings refer to Continuation Sheet 1 to 3 for details

Standard:

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

Issue Date:

15/09/2023

Expiry Date:

15/09/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "Grant Li".

Grant Li



www.jas-anz.org/register

Certificate Number: AZ 69027418

Page: 0002



CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027418-E

CONTINUATION SHEET 1

Description of Equipment

Ratings:

For all models:

Protection: Class I, IP66, PD2 (Inside), PD3 (Outside)

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

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

For models: Solis-80K-5G, Solis-100K-5G-AU, Solis-110K-5G-AU,
Solis-125K-HV-5G-AU

PV Input:

VDC max: 1100Vd.c.,

VDC MPPT: 180-1000Vd.c.,

IDC max: 9x26A, 10x26A, 10x26A, 10x26A

Isc: 9x40A, 10x40A, 10x40A, 10x40A

Grid Output:

Rated Output voltage: 230/400Va.c.3/N/PE, for models of 80k,
100k and 110k, 3/PE 480V for Solis-125K-HV-5G-AU

Rated Output frequency: 50Hz,

Rated/Max Output AC Power: 80000W, 100000W, 110000, 125000W

Rated/Max Output Apparent Power: 80000VA, 100000VA,
110000VA, 125000VA

Rated Output Current: 115.5A, 144.4A, 158.8A, 150.4A

Max Output Current: 127.0A, 158.8A, 174.6A, 165.4A

Issue Date: 15/09/2023

Expiry Date: 15/09/2028

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



www.jas-anz.org/register

Certificate Number: AZ 69027418

Page: 0003



CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027418-E

CONTINUATION SHEET 2

Description of Equipment

Power Factor: >0.99 (adjustable 0.8 inductive to 0.8 capacitive),

Ratings:

For models: S5-GC80K, S5-GC100K-AU, S5-GC110K-AU, S5-GC125K-HV-AU

PV Input:

VDC max: 1100Vd.c.,

VDC MPPT: 180-1000Vd.c.,

IDC max: 9x32A, 10x32A, 10x32A, 10x32A

Isc: 9x40A, 10x40A, 10x40A, 10x40A

Grid Output:

Rated Output voltage: 230/400Va.c.3/N/PE, for models of 80k, 100k and 110k, 3/PE 480V for S5-125K-HV-AU

Rated Output frequency: 50Hz,

Rated/Max Output AC Power: 80000W, 100000W, 110000W, 125000W

Rated/Max Output Apparent Power: 80000VA, 100000VA, 110000VA, 125000VA

Rated Output Current: 115.5A, 144.4A, 158.8A, 150.4A

Max Output Current: 127.0A, 158.8A, 174.6A, 165.4A

Power Factor: >0.99 (adjustable 0.8 inductive to 0.8 capacitive),

Issue Date: 15/09/2023

Expiry Date: 15/09/2028

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



www.jas-anz.org/register