

**Certificate Number:** AZ 69026183

Page: 0001



## CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026183-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:

Sunsynk Australia Pty Ltd  
230 Morrison Road, Midvale,  
Perth WA6056  
Australia

### DESCRIPTION OF EQUIPMENT

**Declared class:**

Non-declared

**Product:**

Hybrid Inverter

**Trade Name / Manufacturer:**

SUNSYNK

**Model Number:**

SUNSYNK-7.6K-SG05LP1 , SUNSYNK-8K-SG05LP1

**Ratings:**

Rating details refer to CONTINUATION SHEET 1 - 2

**Standard:**

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

**Issue Date:**

28/06/2022

**Expiry Date:**

28/06/2027

*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](http://www.jas-anz.org/register)

**Certificate Number:** AZ 69026183

Page: 0002



## CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026183-E

CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:

Protection: Class I, IP65, PD 2 Internal; PD 3 External

Operating Temp.: -40°C to 60°C (>45°C derating)

Overvoltage Category (OVC): Battery and PV sides: II;

Grid side: III

PV input:

Vmax: 500Vdc

VMPP : 150 - 425Vdc

MPPT Full Power Voltage Range: 200 – 425Vdc

Isc: 34+34A

Imax: 26+26A

Battery input:

Type: Lead-acid or Li-ion

Max input voltage: 60Vdc

Voltage range: 40-60Vdc

Max charging current: 190A

Max discharging current: 190A

Issue Date: 28/06/2022

Expiry Date: 28/06/2027

*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](http://www.jas-anz.org/register)

**Certificate Number:** AZ 69026183

Page: 0003



## CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026183-E

CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

AC output:

Rated Output voltage: L/N/PE, 230/240V

Rated frequency: 50Hz,

Max / Rated Output Apparent power: 7.6; 8kVA

Max / rated Output Power: 7.6; 8kW

Max / rated Output current: 33; 34.8A

Power factor: 0.8 leading to 0.8 lagging

GEN port:

Rated input voltage: L/N/PE, 230/240V

Rated frequency: 50Hz,

Max / Rated Input Apparent power: 7.6; 8kVA

Max / rated Input Power: 7.6; 8kW

Max / rated Input current: 33; 34.8A

Power factor: 0.8 leading to 0.8 lagging

Issue Date: 28/06/2022

Expiry Date: 28/06/2027

*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](http://www.jas-anz.org/register)