

**Certificate Number:** AZ 69026244

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026244-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:

NingBo Deye Inverter Technology  
Co., Ltd.  
No. 26 South YongJiang Road, Daqi,  
Beilun NingBo,  
315800 Zhejiang  
P.R. China

### DESCRIPTION OF EQUIPMENT

**Declared class:**

Non-declared

**Product:**

Grid-connected PV Inverter

**Trade Name / Manufacturer:**

DEYE

**Model Number:**

SUN-3K-G05-AU , SUN-4K-G05-AU , SUN-5K-G05-AU ,  
SUN-6K-G05-AU , SUN-7K-G05-AU , SUN-8K-G05-AU ,  
SUN-9K-G05-AU , SUN-10K-G05-AU , SUN-12K-G05-AU ,  
SUN-15K-G05-AU .

**Ratings:**

Ratings refer to CONTINUATION SHEET 1-3 for details

**Standard:**

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

**Issue Date:**

19/07/2022

**Expiry Date:**

19/07/2027

*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



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:

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

Operating Temp.: -25°C to 65°C (>45°C derating)

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

For models: SUN-3K-G05-AU, SUN-4K-G05-AU, SUN-5K-G05-AU,  
SUN-6K-G05-AU,

PV input:

Vmax: 1000Vdc

VMPP : 120 - 850Vdc

MPPT Full Power Voltage Range: 350 - 850Vdc

Isc: 19.5+19.5A

Imax: 13+13A

AC output:

Rated Output voltage: 3L/N/PE, 400V

Rated frequency: 50Hz,

Max / Rated Output Apparent power: 3, 4, 5, 6kVA

Max / rated Output Power: 3, 4, 5, 6kW

Max / rated Output current: 4.3, 5.8, 7.2, 8.7A

Power factor: 0.8 leading to 0.8 lagging

Issue Date: 19/07/2022

Expiry Date: 19/07/2027

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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models: SUN-7K-G05-AU, SUN-8K-G05-AU, SUN-9K-G05-AU,  
SUN-10K-G05-AU,

PV input:

Vmax: 1000Vdc

VMPP : 120 - 850Vdc

MPPT Full Power Voltage Range: 480 - 850Vdc

Isc: 19.5+19.5A

Imax: 13+13A

AC output:

Rated Output voltage: 3L/N/PE, 400V

Rated frequency: 50Hz,

Max / Rated Output Apparent power: 7, 8, 9, 10kVA

Max / rated Output Power: 7, 8, 9, 10kW

Max / rated Output current: 10.1, 11.6, 13, 14.5A

Power factor: 0.8 leading to 0.8 lagging

Issue Date: 19/07/2022

Expiry Date: 19/07/2027

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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings:

For models: SU SUN-12K-G05-AU, SUN-15K-G05-AU

PV input:

Vmax: 1000Vdc

VMPP : 200 - 850Vdc

MPPT Full Power Voltage Range: 480 - 850Vdc

Isc: 19.5+19.5A, 19.5+39A

Imax: 13+13A, 13+26A

AC output:

Rated Output voltage: 3L/N/PE, 400/V

Rated frequency: 50Hz,

Max / Rated Output Apparent power: 12, 15kVA

Max / rated Output Power: 12, 15kW

Max / rated Output current: 17.4, 21.7A

Power factor: 0.8 leading to 0.8 lagging

Issue Date: 19/07/2022

Expiry Date: 19/07/2027

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