

**Certificate Number:** AZ 69025992

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## CERTIFICATE OF SUITABILITY


Authorised marking: TUV025992E

*This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC 17065 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:

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

### DESCRIPTION OF EQUIPMENT

|                                   |  |
|-----------------------------------|--|
| <b>Declared class:</b>            | Non-declared   |
| <b>Product:</b>                   | Grid-Connected PV Inverter  |
| <b>Trade Name / Manufacturer:</b> | Deye   |
| <b>Model Number:</b>              | SUN-18K-G05-AU ; SUN-20K-G05-AU ; SUN-25K-G05-AU   |
| <b>Ratings:</b>                   | Rating details refer to CONTINUATION SHEET 1   |
| <b>Standard:</b>                  | AS/NZS 4777.2:2020+A1<br>IEC 62109-1:2010<br>IEC 62109-2:2011  |
| <b>Issue Date:</b>                | 20/04/2022   |
| <b>Expiry Date:</b>               | 20/04/2027   |

*Signed for and on behalf of TÜV Rheinland Australia Pty Ltd*

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

Grant Li



Acc. No. Z2870404AA  
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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 Load reduction)

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

PV input for model SUN-18K-G05-AU ; SUN-20K-G05-AU ;

SUN-25K-G05-AU

Vmax: 1000Vdc

Input voltage range: 200-850Vdc

MPPT full power voltage range: 500-850Vdc; 500-850Vdc;

550-850Vdc

Imax: 2 x 26A Isc: 2 x 39A

AC output for model SUN-18K-G05-AU ; SUN-20K-G05-AU ;

SUN-25K-G05-AU

Rated Output voltage: 3L/N/PE, 230/400V

Rated frequency: 50Hz,

Max / Rated Output Apparent power: 18kVA; 20kVA; 25kVA

Max / rated Output Power: 18kW; 20kW; 25kW

Max/ Rated Output current: 26.1A; 29A; 36.2A

Power factor: 0.8 leading to 0.8 lagging

Issue Date: 20/04/2022

Expiry Date: 20/04/2027

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Grant Li



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