

**Certificate Number:** AZ 69025660

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV025660E

*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:

Shenzhen Senergy Technology  
Co., Ltd.  
Room 405, Building A, Co-talent  
Creative Park, No.2, LiuXianRoad,  
Block 68, Xin'an Street,  
518101 Bao'an District, Shenzhen  
P.R. China

### DESCRIPTION OF EQUIPMENT

**Declared class:**

Non-declared

**Product:**

Grid-Tied Solar Inverter

**Trade Name / Manufacturer:**

Senergy

**Model Number:**

SE 5KTL-D1/G2, SE 6KTL-D1/G2

**Ratings:**

Ratings details refer to CONTINUATION SHEET 1;

**Standard:**

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

**Issue Date:**

26/04/2022

**Expiry Date:**

26/04/2027

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

Grant Li



Acc. No. Z2870404AA  
[www.jas-anz.org/register](http://www.jas-anz.org/register)

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## CERTIFICATE OF SUITABILITY

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### CONTINUATION SHEET 1

#### DESCRIPTION OF EQUIPMENT

Model: SE 5KTL-D1/G2 , SE 6KTL-D1/G2

DC input:

V<sub>max</sub> PV: 550V<sub>dc</sub>

MPPT Voltage Range: 70V-540V<sub>dc</sub>

Max. Input Current: 13A<sub>dc</sub>\*2;

Max. Short Circuit Current: 15A<sub>dc</sub>\*2;

AC output:

Rated Voltage: 220/230/240V<sub>ac</sub>(L+N+PE);

Rated Frequency: 50/60Hz;

Rated / Max. Continuous Current: 25A<sub>ac</sub>; 27.3A<sub>ac</sub>;

Rated Apparent Power: 5000VA; 6000VA;

Max. Apparent Power: 5500VA; 6000VA;

Power Factor: 0.8 leading ~0.8lagging

Overvoltage Category (OVC): III for AC mains; II for PV

Protective Class: Class I

Ingress Protection (IP): IP65; Pollution Degree (PD): PD3

Altitude[m]: 4000

Operating Temperature [°C]: -25 to 60 (> 45 derating)

Type of Inverter: Non-isolated

Issue Date: 26/04/2022

Expiry Date: 26/04/2027

*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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