

**Certificate Number:** AZ 69025578

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV025578E

*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 ACMA's labelling requirements are fulfilled.*

### CERTIFICATE HOLDER:

SolarEdge Technologies Ltd  
1 Ha'Mada St.,  
4673335 Herzeliya,  
Israel

### DESCRIPTION OF EQUIPMENT

**Declared class:**

Non-declared

**Product:**

Three Phase PV Inverter

**Trade Name / Manufacturer:**

SolarEdge Technologies Ltd.

**Model Number:**

SE50K , SE66.6K , SE82.8K , SE100K

**Ratings:**

Ratings refer to CONTINUATION SHEET 1 for details

**Standard:**

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

**Issue Date:**

17/12/2021

**Expiry Date:**

17/12/2026

*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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## CERTIFICATE OF SUITABILITY

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### CONTINUATION SHEET 1

#### DESCRIPTION OF EQUIPMENT

Ratings for SE50K; SE66.6K; SE82.8K; SE100K:

Protection: Class I, IP65,

Operating Temp.: -40 to +60 °C

Overvoltage Category (OVC): PV side: II; AC side: III

DC Input:

VDC max: 1000Vd.c.,

VDC MPPT: 680-1000Vdc,

IDC max: 2x 36.25A; 2x48.25A; 3x40A; 3x48.25A

AC Output:

Output voltage: 220/230 L-N & 380/400 L-L

Rated Maximum AC current: 72.5A; 96.5A; 120A; 145A

Rated/ Maximum Apparent Power: 50000VA; 66600VA; 82800VA;  
100000VA

Power factor: 0.8 to 1;

Issue Date: 17/12/2021

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