

**Certificate Number:** AZ 69026836

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026836-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:

SolaX Power Network Technology  
(Zhe jiang) Co., Ltd.  
No.288 Shizhu Road  
Tonglu Economic Development Zone  
Tonglu City,  
Zhejiang Province 310000  
P.R. China

### DESCRIPTION OF EQUIPMENT

**Declared class:**

Non-declared

**Product:**

Grid-Connected PV Inverter

**Trade Name / Manufacturer:**

SolaX Power

**Model Number:**

X1- BOOST-2.5K-G4 , X1-BOOST-3K-G4 , X1-BOOST-3.3K-G4 ,  
X1- BOOST-3.6K-G4 , X1-BOOST-4.2K-G4 , X1-BOOST-5K-G4 ,  
X1- BOOST-6K-G4 .

**Ratings:**

Ratings info refer to CONTINUATION SHEET 1 - 2.

**Standard:**

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

**Issue Date:**

13/01/2023

**Expiry Date:**

13/01/2028

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

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Grant Li



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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:

Protection: Class I, IP66, PD 2( Inside), PD 3 ( Outside)

Operating Temp.: -25°C to 60°C (up 40°C de-rating)

Overvoltage Category (OVC): DC input: II; AC Output: III

For models: X1- BOOST-2.5K-G4, X1-BOOST-3K-G4,

X1-BOOST-3.3K-G4,

PV Input:

VDC max: 600 Vd.c.,

VDC MPPT: 40 - 560Vdc,

IDC max: 16A/16A,

Isc PV: 22A/22A

Output:

Output voltage: 230V

Output frequency: 50/60Hz,

Max / Rated Output Power: 2500, 3000, 3300W,

Max / Rated Output Apparent Power: 2750, 3300, 3630VA,

Max / Rated output current: 12.0, 14.4, 15.8A

Power factor: 0.8 leading to 0.8 lapping

Issue Date: 13/01/2023

Expiry Date: 13/01/2028

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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For models: X1- BOOST-3.6K-G4, X1-BOOST-4.2K-G4,  
X1-BOOST-5K-G4, X1- BOOST-6K-G4

PV Input:

VDC max: 600 Vd.c.,

VDC MPPT: 40 - 560Vdc,

IDC max: 16A/16A,

Isc PV: 22A/22A

Output:

Output voltage: 230V

Output frequency: 50/60Hz,

Max / Rated Output Power: 3680, 4200, 5000, 6000W,

Max / Rated Output Apparent Power: 4048, 4620, 5000, 6000VA,

Max / Rated Output current: 17.6, 20.1, 21.7, 27.3A

Power factor: 0.8 leading to 0.8 lapping

Issue Date: 13/01/2023

Expiry Date: 13/01/2028

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

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