

Certificate Number: AZ 69026837

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026837-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 PHOTOVOLTAIC INVERTER

Trade Name / Manufacturer:

SolaX Power

Model Number:

X1-MINI-0.6K-G4 , X1-MINI-0.7K-G4 , X1-MINI-1.1K-G4 ,
X1-MINI-1.5K-G4 , X1-MINI-2.0K-G4 , X1-MINI-2.5K-G4 ,
X1-MINI-3.0K-G4 , X1-MINI-3.3K-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:

16/01/2023

Expiry Date:

16/01/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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Certificate Number: AZ 69026837

Page: 0002



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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-MINI-0.6K-G4; X1-MINI-0.7K-G4;

X1-MINI-1.1K-G4; X1-MINI-1.5K-G4

PV Input:

VDC max: 450Vdc

VDC MPPT: 40 – 450Vdc

IDC max: 16A

Isc PV: 22A

Output:

Output voltage: 1-N/PE 230Vac

Output frequency: 50/60Hz,

Rated Output Apparent Power (VA): 600; 700; 1100; 1500

Max Output Apparent Power (VA): 600; 770; 1210; 1650

Max/Rated Output current (A): 3; 3.5; 5.5; 7.5,

Power factor: 0.8 leading to 0.8 lagging

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Certificate Number: AZ 69026837

Page: 0003



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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

For models: X1-MINI-2.0K-G4; X1-MINI-2.5K-G4;

X1-MINI-3.0K-G4; X1-MINI-3.3K-G4

PV Input:

VDC max (Vdc): 450; 550; 550; 550

VDC MPPT (Vdc): 40 -450; 40-550; 40-550; 40-550V

IDC max: 16A

Isc PV: 22A

Output:

Output voltage: 1-N/PE 230Vac

Output frequency: 50/60Hz,

Rated Output Apparent Power (VA): 2000; 2500; 3000; 3300

Max Output Apparent Power (VA): 2200; 2750; 3300; 3300

Max/Rated Output current (A): 10; 12.5; 15; 15

Power factor: 0.8 leading to 0.8 lagging

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Expiry Date: 16/01/2028

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