

**Certificate Number:** AZ 69025649

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## CERTIFICATE OF SUITABILITY

Authorised marking: TUV025649E

*This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 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:

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:** Hybrid Inverter  
**Trade Name / Manufacturer:** SolaX Power  
**Model Number:** X1-Hybrid-3.0-N-E , X1-Hybrid-3.0-N-I ,  
X1-Hybrid-3.0-N-C , X1-Hybrid-3.7-N-E ,  
X1-Hybrid-3.7-N-I , X1-Hybrid-3.7-N-C ,  
X1-Hybrid-4.6-N-E , X1-Hybrid-4.6-N-I  
Additional model numbers refer to CONTINUATION SHEET 1.  
**Ratings:** Ratings info refer to CONTINUATION SHEET 1 - 4.  
**Standard:** AS/NZS 4777.2:2020+A1  
IEC 62109-1:2010  
IEC 62109-2:2011  
**Issue Date:** 21/12/2021  
**Expiry Date:** 21/12/2026

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

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Additional model numbers:

X1-Hybrid-4.6-N-C , X1-Hybrid-5.0-N-E ,  
X1-Hybrid-5.0-N-I , X1-Hybrid-5.0-N-C ,

Ratings for models: X1-Hybrid-3.0-N-E, X1-Hybrid-3.0-N-I,  
X1-Hybrid-3.0-N-C,

Protection: Class I, IP65, PDIII,

Operating Temp.: -20°C to 60°C

Overvoltage Category (OVC): Battery: I, PV: II; Grid: III

Battery Input:

Type / Voltage: Lithium / 85 - 400Vd.c.,

Max charge / discharge current: 20A

PV input:

Max. DC voltage : 600Vdc; MPP voltage range: 125 – 550Vdc

I max: 12/12A; Isc: 14/14A

AC output:

Rated voltage / Frequency: 230V ac, 50 / 60 Hz

Rated / Max power: 3000VA / 3300VA

Rated / Max current: 13A / 14.3A

Power factor: -0.80...0.80

EPS output for X1-Hybrid-3.0-N-E, X1-Hybrid-3.0-N-I:

Rated voltage / Frequency: 230V ac, 50 / 60 Hz

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Rated / Max power: 4000VA / 5000VA

Rated / Max current: 17.4A / 21.7A

Ratings for models: X1-Hybrid-3.7-N-E, X1-Hybrid-3.7-N-I,  
X1-Hybrid-3.7-N-C,

Protection: Class I, IP65, PDIII,

Operating Temp.: -20°C to 60°C

Overvoltage Category (OVC): Battery: I, PV: II; Grid: III

Battery Input:

Type / Voltage: Lithium / 85 - 400Vd.c.,

Max charge / discharge current: 20A

PV input:

Max. DC voltage: 600Vdc; MPP voltage range: 125 – 550Vdc

I max: 12/12A; Isc: 14/14A

AC output:

Rated voltage / Frequency: 230V ac, 50 / 60 Hz

Rated / Max power: 3680 / 4048VA

Rated / Max current: 16A / 17.6A

Power factor: -0.80...0.80

EPS output for X1-Hybrid-3.7-N-E, X1-Hybrid-3.7-N-I:

Rated voltage / Frequency: 230V ac, 50 / 60 Hz

Rated / Max power: 4000VA / 5000VA

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Rated / Max current: 17.4A / 21.7A

Ratings for models: X1-Hybrid-4.6-N-E, X1-Hybrid-4.6-N-I

X1-Hybrid-4.6-N-C,

Protection: Class I, IP65, PDIII,

Operating Temp.: -20°C to 60°C

Overvoltage Category (OVC): Battery: I, PV: II; Grid: III

Battery Input:

Type / Voltage: Lithium / 85 - 400Vd.c.,

Max charge / discharge current: 20A

Max. DC voltage: 600Vdc; MPP voltage range: 125 – 550Vdc

PV input:

I max: 12/12A; Isc: 14/14A

AC output:

Rated voltage / Frequency: 230V ac, 50 / 60 Hz

Rated / Max power: 4600 / 5060VA

Rated / Max current: 20A / 22A

Power factor: -0.80...0.80

EPS output for X1-Hybrid-4.6-N-E, X1-Hybrid-4.6-N-I:

Rated voltage / Frequency: 230V ac, 50 / 60 Hz

Rated / Max power: 5000 / 6000VA

Rated / Max current: 21.7A / 26.0A

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## CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

Ratings for models: X1-Hybrid-5.0-N-E, X1-Hybrid-5.0-N-I,  
X1-Hybrid-5.0-N-C,  
Protection: Class I, IP65, PDIII,  
Operating Temp.: -20°C to 60°C  
Overvoltage Category (OVC): Battery: I, PV: II; Grid: III

Battery Input:

Type / Voltage: Lithium / 85 - 400Vd.c.,

PV input:

Max charge / discharge current: 20A

Max. DC input: 600Vdc; MPP voltage range: 125 – 550Vdc

I max: 12/12A; Isc: 14/14A

AC output:

Rated voltage / Frequency: 230V ac, 50 / 60 Hz

Rated / Max power: 4999 / 5499VA

Rated / Max current: 21.7A / 23.9A

Power factor: -0.80...0.80

EPS output for X1-Hybrid-5.0-N-E, X1-Hybrid-5.0-N-I:

Rated voltage / Frequency: 230V ac, 50 / 60 Hz

Rated / Max power: 5000 / 6000VA

Rated / Max current: 21.7A / 26.0A

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