

Certificate Number: AZ 69024749

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV024749E

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: Grid-connected Hibrid Inverter

Trade Name / Manufacturer: SolaX Power

Model Number: X3-Hybrid-x-y-z (x=5.0 or 6.0 or 8.0 or 10.0; y=D or N; z=E or C)
(Model number details refer to CONTINUATION SHEET 1 - 4)

Ratings: Ratings info refer to CONTINUATION SHEET 1 - 4.
Remark: Additional assessment to AS/NZS 4777.2:2015 appendix G for short duration undervoltage response test.

Standard: AS/NZS 4777.2:2015
IEC 62109-1:2010
IEC 62109-2:2011

Issue Date: 04/12/2020

Expiry Date: 04/12/2025

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

For all models:

Output voltage: 230/400Va.c./N/PE., 50/60Hz, three-phase,

Power factor: >0.99 (adjustable 0.8 inductive to 0.8 capacitive), Class I, IP65, PDIII,

Operating Temp.: -20°C to 60°C (>45°C derating),

Overvoltage Category (OVC): Battery input: I; PV input: II;

Grid Output: III

For model X3-Hybrid-5.0-D-C , X3-Hybrid-5.0-D-E ,
X3-Hybrid-5.0-N-C , X3-Hybrid-5.0-N-E :

Input PV:

VDC max: 1000Vd.c., VDC MPPT: 180-950Vd.c.,

IDC max: 12/12Ad.c.,

Input AC:

Rated AC Power:5000VA, IAC(rated):7.2Aa.c.,IAC max.:8.0Aa.c.

Battery:

Vbattery:160-800Vd.c., I_{max} charge:25Ad.c.,

I_{max} discharge:25Ad.c.,

Output (AC):

Rated Power: 5000VA,IAC(rated): 7.2Aa.c., IAC max.: 8.0Aa.c.

Apply to E Version only:

Output (with battery):Rated Power:5000VA ,IAC(rated):7.2Aa.c

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings:

For model X3-Hybrid-6.0-D-C , X3-Hybrid-6.0-D-E ,
X3-Hybrid-6.0-N-C , X3-Hybrid-6.0-N-E :

Input PV:

VDC max: 1000Vd.c., VDC MPPT: 180-950Vd.c.,

IDC max: 12/12Ad.c.,

Input AC:

Rated AC Power: 6000VA ,

IAC(rated): 8.7Aa.c., IAC max.: 9.6Aa.c.

Battery:

Vbattery:160-800Vd.c.,Imax charge: 25Ad.c.,

Imax discharge: 25Ad.c.,

Output (AC):

Rated Power: 6000VA,

IAC(rated): 8.7Aa.c., IAC max.: 9.6Aa.c.

Apply to E Version only:

Output (with battery): Rated AC Power: 6000VA

IAC(rated): 8.7Aa.c.

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings:

For model X3-Hybrid-8.0-D-C , X3-Hybrid-8.0-D-E ,
X3-Hybrid-8.0-N-C , X3-Hybrid-8.0-N-E :

Input PV:

VDC max: 1000Vd.c., VDC MPPT: 180-950Vd.c.,

IDC max: 24/12Ad.c.,

Input AC:

Rated AC Power: 8000VA ,

IAC(rated): 11.6Aa.c., IAC max.: 12.8Aa.c.

Battery:

Vbattery: 160-800Vd.c., I_{max} charge: 25Ad.c.,

I_{max} discharge: 25Ad.c.,

Output (AC):

Rated Power: 8000VA,

IAC(rated): 11.6Aa.c., IAC max.: 12.8Aa.c.

Apply to E Version only:

Output (with battery): Rated AC Power: 8000VA

IAC(rated): 11.6Aa.c.

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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

Ratings:

For model X3-Hybrid-10.0-D-C , X3-Hybrid-10.0-D-E ,
X3-Hybrid-10.0-N-C , X3-Hybrid-10.0-N-E :

Input PV:

VDC max: 1000Vd.c., VDC MPPT: 180-950Vd.c.,

IDC max: 24/12Ad.c.,

Input AC:

Rated AC Power: 10000VA,

IAC(rated): 14.5Aa.c., IAC max.: 16.0Aa.c.

Battery:

Vbattery: 160-800Vd.c., I_{max} charge: 25Ad.c.,

I_{max} discharge: 25Ad.c.,

Output (AC):

Rated Power: 10000VA,

IAC(rated): 14.5Aa.c.

Apply to E Version only:

Output (with battery): Rated AC Power: 10000VA

IAC(rated): 14.5Aa.c.

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