

Certificate Number: AZ 69026070

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026070-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:

Hybrid Inverter

Trade Name / Manufacturer:

SolaX Power

Model Number:

X3-Hybrid-5.0-D ; X3-Hybrid-5.0-M ; X3-Hybrid-6.0-D ;
X3-Hybrid-6.0-M ; X3-Hybrid-8.0-D ; X3-Hybrid-8.0-M ;
X3-Hybrid-10.0-D ; X3-Hybrid-10.0-M ; X3-Hybrid-12.0-D ;
X3-Hybrid-12.0-M ; X3-Hybrid-15.0-D ; X3-Hybrid-15.0-M ;

Ratings:

Ratings info refer to CONTINUATION SHEET 1 - 5

Standard:

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

Issue Date:

19/05/2022

Expiry Date:

19/05/2027

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
Protection: Class I, IP65, PDIII,
Operating Temp.: -35°C to 60°C (>45°C derating;
charge derating at +35°C),
Overvoltage Category (OVC): PV: II, Grid: III

Battery Input:

Battery Type: Lithium Batteries;
Voltage range: 180 - 800Vd.c.,
Max discharge current: 30A
Max charge current: 30A

AC output:

Rated voltage/ Frequency: 3~N/PE, 415/400/380Vac, 50/60 Hz
Power factor:~1 (Adjustable from 0.8 leading to 0.8 lagging)

AC input:

Rated voltage/Frequency: 3~N/PE, 415/400/380Vac, 50/60 Hz
Power factor:~1 (Adjustable from 0.8 leading to 0.8 lagging)

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Ratings for models X3-Hybrid-5.0-D; X3-Hybrid-5.0-M;
X3-Hybrid-6.0-D; X3-Hybrid-6.0-M;

PV input:

Max input voltage: 1000Vdc

MPPT voltage range: 180 – 950Vdc

MPPT voltage range (Full load): 330 – 800Vdc

I_{max}: 16/16A

I_{sc}: 20/20A

Battery input:

Max charge / discharge power: 5000/5500W; 5000/5500W;
6000/6500W; 6000/6500W

AC output:

Rated output apparent power: 5000VA; 5000VA; 6000VA; 6000VA;

Max output apparent power: 5500VA; 5500VA; 6600VA; 6600VA;

Rated output current: 7.2A; 7.2A; 8.7A; 8.7A;

Max output current: 8.1A; 8.1A; 9.7A; 9.7A

AC input:

Rated input power: 10000VA; 10000VA; 12000VA; 12000VA

Max input current: 16.1A; 16.1A; 19.3A; 19.3A

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Ratings for models X3-Hybrid-8.0-D; X3-Hybrid-8.0-M;
X3-Hybrid-10.0-D; X3-Hybrid-10.0-M;

PV input:

Max input voltage: 1000Vdc

MPPT voltage range: 180-950Vdc

MPPT voltage range (Full load): 330-800Vdc

Imax: 26/16A

Isc: 30/20A

Battery input:

Max charge / discharge power: 8000/8800W; 8000/8800W;
10000/10500W; 10000/10500W

AC output:

Rated output apparent power: 8000VA; 8000VA; 10000; 10000VA;

Max output apparent power: 8800VA; 8800VA; 11000VA; 11000VA;

Rated output current: 11.6A; 11.6A; 14.5A; 14.5A;

Max output current: 12.9A; 12.9A; 16.1A; 16.1A

AC input:

Rated input power: 16000VA; 16000VA; 20000VA; 20000VA

Max input current: 25.8A; 25.8A; 32.0A; 32.0A

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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

Ratings for models X3-Hybrid-12.0-D; X3-Hybrid-12.0-M;
X3-Hybrid-15.0-D; X3-Hybrid-15.0-M

PV input:

Max input voltage: 1000Vdc

MPPT voltage range: 180-950Vdc

MPPT voltage range (Full load): 330-800Vdc

Imax: 26/16A

Isc: 30/20A

Battery input:

Max charge / discharge power: 12000/12500W; 12000/12500W;
15000/15500W; 15000/15500W

AC output:

Rated output apparent power: 12000VA; 12000VA; 15000VA;
15000VA;

Max output apparent power: 13200VA; 13200VA; 15000VA;
15000VA;

Rated output current: 17.5A; 17.5A, 21.8A; 21.8A;

Max output current: 19.3A; 19.3A; 24.1A; 24.1A

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CONTINUATION SHEET 5

DESCRIPTION OF EQUIPMENT

AC input:

Rated input power: 20000VA; 20000VA; 20000VA; 20000VA

Max input current: 32.0A; 32.0A; 32.0A; 32.0A

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