

Certificate Number: AZ 69027147

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-027147-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:

FOXESS CO., LTD.
No.939, Jinhai Third Road,
New Airport Industry Area, Longwan District,
Wenzhou,
325025 Zhejiang
P.R. China

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Storage Inverter

Trade Name / Manufacturer:

FOXESS

Model Number:

H1-3.0-E-G2 , H1-3.7-E-G2 , H1-4.6-E-G2 , H1-5.0-E-G2 ,
H1-6.0-E-G2 , H1-4.6-E1-G2 , H1-5.0-E1-G2

Ratings:

Ratings refer to Continuation Sheets 1 & 2 for details

Standard:

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

Issue Date:

21/06/2023

Expiry Date:

21/06/2028

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read "Grant Li".

Grant Li



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CONTINUATION SHEET 1

Description of Equipment

Ratings:

For all models:

Protection: Class I, IP65, PD 2 Internal; PD 3 External

Operating Temp.: -25°C to 60°C (>45°C derating)

Overvoltage Category (OVC): Battery and PV sides: II;

Grid side: III

PV input:

Vmax: 600Vdc

VMPP : 80 -550Vdc

Isc: 20/20A

Imax: 16/16A

Battery input:

Type: Lithium battery (LFP)

Vmax: 480Vdc

Voltage range: 80-480Vdc

Max charging current: 40A

Max discharging current: 40A

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CONTINUATION SHEET 2

Description of Equipment

AC output:

Rated Output voltage: L/N/PE, 220/230/240V

Rated frequency: 50/60Hz

Max Apparent power: 3300VA, 4048VA, 5060VA, 5500VA, 6600VA, 4600VA, 5000VA

Rated Apparent Power: 3000VA, 3680VA, 4600VA, 5000VA, 6000VA, 4600VA, 5000VA

Rated current: 13.0A, 16.0A, 20.0A, 21.7A, 26.1A, 20.0A, 21.7A

Max current: 15.0A, 18.4A, 23.0A, 25.0A, 30.0A, 20.9A, 22.7A

Power factor: 1 (adjustable from 0.8 leading to 0.8 lagging)

EPS output:

Rated Output voltage: L/N/PE, 220/230/240V

Rated frequency: 50/60Hz,

Max Apparent power: 3000VA, 3680VA, 4600VA, 5000VA, 6000VA, 4600VA, 5000VA

Max current: 13.6A, 16.7A, 20.9A, 22.7A, 27.3A, 20.9A, 22.7A

Issue Date: 21/06/2023

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