

**Certificate Number:** AZ 69028362

**Page:** 0001



## CERTIFICATE OF SUITABILITY

**Authorised marking:** TU-V028362-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:**

KH7, KH8, KH9, KH9.9, KH10, KH10.5

**Ratings:**

Ratings refer to Continuation Sheets 1 and 2 for details

**Standard:**

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

**Issue Date:**

28/01/2025

**Expiry Date:**

28/01/2030

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

A handwritten signature in blue ink, appearing to read 'John Wang'.

John Wang



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**Certificate Number:** AZ 69028362

Page: 0002



## CERTIFICATE OF SUITABILITY

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### CONTINUATION SHEET 1

Description of Equipment

Ratings:

PV Input:

Max Input Voltage: 600Vdc,

MPPT Voltage Range: 80-500Vdc,

Max Input Current: 3x16, 3x16, 4x16, 4x16, 4x16, 4x16A,

Isc: 3x20, 3x20, 4x20, 4x20, 4x20, 4x20A

Battery input:

Battery type: Li-ion battery

Voltage range: 85 - 480Vdc

Max charging / discharging current: 50/50A

AC output:

Rated Output voltage: 1/N/PE, 220/230/240 Vac

Rated frequency: 50/60 Hz,

Rated Output Apparent power: 7000, 8000, 9000, 9900, 10000, 10500VA

Max Output Apparent power: 7700, 8800, 9900, 9900, 10500, 10500VA

Rated Output Power: 7000, 8000, 9000, 9900, 10000, 10500W

Max Output Current: 30.4, 34.8, 39.1, 43.0, 43.5, 45.7A

Rated Output Current: 33.5, 38.3, 43.0, 43.0, 45.7, 47.7A

Power factor: 0.8 leading to 0.8 lagging

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**Certificate Number:** AZ 69028362

Page: 0003



## CERTIFICATE OF SUITABILITY

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### CONTINUATION SHEET 2

Description of Equipment

Ratings:

EPS output (With battery):

Rated Output voltage: 1/N/PE, 220/230/240Vac

Rated frequency: 50/60 Hz,

Max EPS Apparent Output power: 7000, 8000, 9000, 9900, 10000, 10500VA

Max Output Current: 31.8, 36.4, 40.9, 45.0, 45.5, 47.7A

Protection: Class I, IP65, PD 2 (Inside), PD 3 (Outside)

Operating Temp.: -25°C to 60°C (Derating at 45°C)

Overvoltage Category (OVC): DC sides: II; AC side: III

Inverter topology: Non-Isolated

Software version: Master: 1.37, Manager: 1.30

**TÜVRheinland**

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