



Fair  
Trading

File Ref: CS11094N  
Contact: Admin Clerk  
Telephone: 02 9895 0722

JIANYONG LI  
FOXESS Co., Ltd.  
C/- TUV SUD CERTIFICATION AND TESTING  
(CHINA) CO., LTD. SHANGHAI BRANCH  
3-13, No.151, Heng Tong Road, Shanghai  
China 200070

Dear Sir/Madam

CERTIFICATE OF SUITABILITY: CS11094N AND VARIATION/S

Inverter

Please find enclosed a Certificate of Suitability and addendum as sought by your application.

Articles of the approved type may be marked with the mark (or alternate approval mark) shown on the Certificate.

THE APPROVAL EXPIRES ON THE DATE SHOWN ON THE CERTIFICATE unless it is renewed, extended, suspended or cancelled.

Yours faithfully

9 June 2022

For Secretary, Department of Customer Service




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# Certificate of Suitability Non-Declared Article

Pursuant to Section 16 (1) of the Gas and Electricity  
(Consumer Safety) Act 2017

Certificate Number: **CS11094N**

This is to certify that the article specified below is accepted by NSW FAIR TRADING as suitable for connection to public electricity supply in NEW SOUTH WALES in accordance with the provisions of AS/NZS 3000 and subject to the condition stated.

Issued to:	FOXESS Co., Ltd.
Article:	Storage System [Energy Storage System with integrated battery and grid-tied PV inverter utilizes energy produced from grid-tied PV inverters to optimize self-consumption and charging battery, exceeded power from grid-tied PV inverters exported to grid, housed inside metallic enclosure for indoor and outdoor use]
Trade Name or Mark:	
Ratings:	<p><u>PV Input:</u> Max. Input Power: 7800W, Absolute Max. Voltage: 600Vd.c. MPPT Voltage Range: 80-550Vd.c., Nominal Operating Voltage: 360Vd.c. Max. Input Current: 13.5/13.5Ad.c., Isc PV: 15/15Ad.c. <u>AC Input:</u> Nominal Voltage: 220/230/240Va.c., Nominal Frequency: 50/60Hz, Rated Input Current: 54.6Aa.c., Rated Apparent Power: 12000VA Power Factor: 1(±0.8 adjustable) <u>AC Output:</u> Rated Power: 6000W, Rated Apparent Power: 6600VA Nominal Frequency: 50/60Hz, Nominal Voltage: 220/230/240Va.c. Rated Output Current: 28.7Aa.c., Power Factor: 1(±0.8 adjustable) <u>EPS Output:</u> Nominal Voltage: 220/230/240Va.c., Rated Output Current: 26.1 Aa.c., Nominal Frequency: 50/60Hz, Rated Apparent Power: 6000VA Battery Type: Lithium-ion, Battery Capacity: 10.4kWh Ingress Protection: IP65, Protective Class: Class I Operation Temperature Range: -25°C to +60°C Inverter Topology: non-isolated, Over Voltage Category: III(AC), II(DC)</p>
Type Reference Code:	AIO-H1-6.0-HVS10.4
Examined for Compliance With:	IEC 62109-1: 2010; IEC 62109-2: 2011; AS/NZS 4777.2: 2020 + A1
Nominated Marking:	CS11094N or approved alternate mark
Date of Approval:	07/06/2022
Approval Expires:	07/06/2027 unless suspended, cancelled, renewed or extended

Conditions: 1. This certificate is issued subject to the article and approved variations being maintained at the specification/s of the article examined at the time of approval. 2. For compliance with performance requirements refer to CQC-Trusted (Jiangsu) Testing Technology Co., Lt., Test Report No. CQCTT-WT-2022-A0006a-c dated 18/05/2022

9 June 2022



On behalf of the Secretary, Department of Customer Service

For information regarding currency of model approval, refer to the Fair Trading Website