



Fair  
Trading

File Ref: CS11161N  
Contact: Admin Clerk  
Telephone: 02 9895 0722

JIANYONG LI  
GINLONG TECHNOLOGIES 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: CS11161N 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

 24 April 2023

For Secretary, Department of Customer Service



Fair  
Trading

# Certificate of Suitability Non-Declared Article

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

Certificate Number: **CS11161N**

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:	GINLONG TECHNOLOGIES CO., LTD.
Article:	Hybrid Inverter [Non-isolated (transformerless) grid-connected hybrid inverter which converts direct current from PV array and/or storage batteries to alternating current and charge the storage batteries (Lithium battery) from the power of the PV generator/or AC grid, to be connected in parallel with the mains to generate power supply to public utility or stand-alone mode to supply common load, housed inside metallic enclosure for indoor/outdoor use]
Trade Name or Mark:	Solis
Ratings:	<p><u>PV Input</u>: Max. Input Voltage: 600Vdc, MPPT Voltage Range: 90-520Vdc, Max. Input Current: 2x16Adc, Isc PV (absolute maximum): 2x24Adc <u>Battery</u>: Battery Type: Li-ion/Lead-acid, Battery Voltage Range: 42-58Vd.c, Max. Charge/Discharge Current: 125/125Ad.c <u>AC Output (Back-Up)</u>: Rated Output Power: 6KW, Rated Output Voltage/Frequency: 230Va.c, 50Hz, Rated Output Current: 26.1Aa.c <u>AC Output (Grid Side)</u>: Rated Apparent Output Power: 6KVA, Rated Output Voltage/Frequency: 230Va.c, 50Hz, Rated Output Current: 26.1Aac <u>AC Input</u>: Rated Voltage: 230 Vac, Rated Input Current: 40Aac, Rated Frequency: 50Hz <u>General</u>: Power Factor: 0.8leading to 0.8lagging, Ambient Temperature: -25 degree C to 60 degree C, Overvoltage Category: II (DC Side); III (AC Side), Class I; IP66, Inverter Topology: Non-Isolated</p>
Type Reference Code:	S6-EH1P6K-L-AU
Examined for Compliance With:	IEC 62109-1: 2010; IEC 62109-2: 2011; AS/NZS 4777.2: 2020 + A1
Nominated Marking:	CS11161N or approved alternate mark
Date of Approval:	12/04/2023
Approval Expires:	12/04/2028 unless suspended, cancelled, renewed or extended

Condition: 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 TUV SUD Test Report No. 5040923001314 dated 27/03/2023

 24 April 2023



On behalf of the Secretary, Department of Customer Service

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