



Fair
Trading

File Ref: CS11082N
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: CS11082N 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

17 May 2022

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: **CS11082N**

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:	PV Grid-Tied Inverter [Transformer-less grid-connected PV inverter which converts the DC power from photovoltaic array to stable single phase AC power and feed the power to the utility grid, housed inside metallic enclosure.]
Trade Name or Mark:	Solis
Ratings:	Max. input voltage: 600Vdc MPPT voltage range: 90-520Vdc Max. input current: 2x11Adc Isc PV (absolute maximum): 2x17.2Adc Rated grid voltage/frequency: 1/N/PE, 220/230Vac, 50/60Hz Rated AC output active power: 6KW Rated AC output apparent power: 6KVA Rated continuous output current: 27.3Aac Power factor: 0.8leading~0.8lagging Operating Temperature Range: -25°C to +60°C Overvoltage Category: II (DC Side); III (AC Side), Class I; IP65 Inverter Topology: Non-Isolated
Type Reference Code:	Solis-1P6K-4G
Examined for Compliance With:	IEC 62109-1: 2010; IEC 62109-2: 2011; AS/NZS 4777.2: 2020 + A1
Nominated Marking:	CS11082N or approved alternate mark
Date of Approval:	13/05/2022
Approval Expires:	13/05/2027 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 CQC-Trusted (Jiangsu) Testing Technology Co., Ltd., Test Report No. CQCTT-WT-2022-A0016 dated 31/03/2022.

17 May 2022



On behalf of the Secretary, Department of Customer Service

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