



Fair  
Trading

File Ref: CS11076N  
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: CS11076N 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

22 April 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: **CS11076N**

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 [Non-isolated (transformerless) grid-connected PV inverters converts direct current optimized by photovoltaic DC conditioner to alternating current and intended to be connected in parallel with the low-voltage mains to supply common load, housed inside metallic enclosure.]
Trade Name or Mark:	Solis
Ratings:	MPPT DC voltage range: 100-500V Maximum DC input voltage: 600V Maximum Input DC current: 3x14A Isc PV (absolute maximum) DC: 3x22A Output AC voltage: 1/N/PE, 220/230V, 50/60Hz Maximum Continuous Output AC current: 45.9A Rated Output Power: 10KW/10KVA Maximum AC output active power: 10KW Maximum Apparent Output Power: 10KVA Power Factor: 0.8Lead ~ 0.8Lag Ambient Temperature Range: -25°C - 60°C Overvoltage Category: II (DC Side); III (AC Side), Class I; IP66
Type Reference Code:	S5-GR1P10K
Examined for Compliance With:	IEC 62109-1: 2010; IEC 62109-2: 2011; AS/NZS 4777.2: 2020 + A1
Nominated Marking:	CS11076N or approved alternate mark
Date of Approval:	19/04/2022
Approval Expires:	19/04/2027 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-2021-A0059a-c dated 31/03/2022.

22 April 2022



On behalf of the Secretary, Department of Customer Service

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