

13 November 2024

Ginlong Technologies Co. Ltd.  
57 Jintong Road, Binhai Industrial Park  
Xiangshan, Ningbo, Zhejiang, 315712  
CHINA

Attention: Jianyong Li, TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch.

## CERTIFICATION OF ELECTRICAL EQUIPMENT

It is our pleasure to issue you with the enclosed Certificate of Suitability EESS-240866-0.

Please check and ensure the details are correct in accordance with your application.

It was identified that the applied equipment was categorised as in-scope level 1 equipment, as defined in AS/NZS 4417.2. The ERAC Equipment Safety Rules do not require these certification details to be included to the EESS National Database for this category of equipment. This does not negate any requirements for responsible supplier or EESS equipment declarations/registrations on the [eess.gov.au](http://eess.gov.au) website. Due to this, certificate details can be found on the JAS-ANZ online [certificate register](#) and EESS Conformity Certification will not upload the certificate details to the National Database.

We remind you that the Regulatory Compliance Mark (RCM) must be used in accordance with its conditions of use as set out in the latest edition of [AS/NZS 4417.1](#).

The assessment was reviewed with the standards and conditions required by Clean Energy Council at the time of issue with test reports referenced, <https://www.cleanenergycouncil.org.au/industry/products>

This certification is based on type testing, modification to the certified product in any way must be notified to EESS Conformity Certification for endorsement. Details of the modification must be advised by completing and submitting the application via our Online Application System (OAS) with your login credentials.

Any change to the name or address of the certificate holder must be notified to EESS Conformity Certification within one calendar month. Changes may be advised by completing and submitting the application via our Online Application System (OAS) with your login credentials.

An application for the transfer of Certificate from the existing Certificate Holder to another/new Certificate Holder may be made to EESS Conformity Certification by completing and submitting the application via our Online Application System (OAS) with your login credentials.

Finally, please use the QR code below to take our two-minute survey and comment on our service.

Should you have any further queries, please contact us.

Yours sincerely,



Lloyd Knipe  
Managing Director  
Conformity Certification Services Pty Ltd  
trading as EESS Conformity Certification



We'd love to know what you thought of our service. Please scan to fill in a brief survey or visit [www.eessconformity.com](http://www.eessconformity.com)



Certificate No.: EESS-240866-0

## CERTIFICATE ADDENDUM

**Certificate Holder:** Ginlong Technologies Co. Ltd.  
57 Jintong Road, Binhai Industrial Park  
Xiangshan, Ningbo, Zhejiang, 315712  
CHINA

**Regulatory Definition:** Non-Declared  
**Product Type:** Hybrid Inverter  
**Trade Name(s):** Solis  
**Model No(s):** S6-EH3P29.9K-H-AU, S6-EH3P30K-H-AU, S6-EH3P40K-H-AU, S6-EH3P50K-H-AU.  
**Ratings:** Refer to Certificate Addendum for specific ratings

**Standard(s):** IEC 62109-1:2010 – (Test Reports CQCTT-WT-2024-A0023-0002a)  
IEC 62109-2:2011 – (Test Reports CQCTT-WT-2024-A0023-0002b)  
AS/NZS 4777.2: 2020 +A1 – (Test Report CQCTT-WT-2024-A0023-0002c)

**Condition(s):** To be installed by a Licensed professional in accordance with the wiring rules/ CEC requirements and the manufacturer's Instruction Manual.

**Required Marking:** The Regulatory Compliance Mark (RCM) in accordance with its conditions of use as set out in the latest edition of AS/NZS 4417.1

**Date of Issue:** 13 November 2024

**Valid Until:** 12 November 2029

*This certificate is issued by Conformity Certification Services Pty Ltd (CCS) in accordance with the CCS Electrical Product Safety Certification Scheme (EPSC-CCS) as accredited by JAS-ANZ under ISO/IEC 17065. CCS certifies that the Electrical Equipment as described on this certificate complies with the minimum essential safety requirements for which the application has been made. This certificate is not issued under the regulator's recognition for RECS. Certification is based on type testing and within our terms and conditions.*

For and on behalf of  
Conformity Certification Services Pty Ltd  
trading as EESS Conformity Certification



Certificate No.: EESS-240866-0

## CERTIFICATE ADDENDUM

### Ratings:

PV Input: 1000Vdc Max, MPPT range: 150-850Vdc, Ie: 3x40A/4x40Adc, MMPTs/Strings: 3/6 or 4/8, OVCII.

Li-ion Battery: 150-800Vdc, Max charge/ discharge current: 2x70Adc OVCII.

AC Output (Back-up/ Grid side): 3/N/PE 230/400 V~ 50Hz 43.2/43.3/57.7/72.2A~  
29.9/30/40/50kVA

Class I IP66 OVCIII Ambient 60degC Max.

AC Input: 3/N/PE 230/400 V~ 50Hz Grid Max 86.4/86.6/115.4/144.4A~ Class I IP66 OVCIII, PF  
0.8 lead to lag.

Software Version: A2

Hardware Version: ESMZB5150.

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## CERTIFICATE ADDENDUM

Parameters/ Models	S6-EH3P29.9K-H- AU	S6-EH3P30K-H- AU	S6-EH3P40K-H- AU	S6-EH3P50K-H- AU
<b>PV Input</b>				
Max. input voltage	1000Vdc			
MPPT voltage range	150, ..., 850Vdc			
Max. input current	3x40Adc		4x40Adc	
Isc PV (absolute maximum)	3x45Adc		4x45Adc	
MPPTs /max input strings	3/6		4/8	
<b>Battery input (Li-ion)</b>				
Battery voltage range	150, ..., 800Vdc			
Max. charge current	2x70Adc	2x70Adc	2x70Adc	2x70Adc
Max. discharge current	2x70Adc	2x70Adc	2x70Adc	2x70Adc
<b>AC output (Back-up)</b>				
Max.(rated) output power	29900W	30000W	40000W	50000 W
Nominal output voltage & Frequency	3/N/PE 230/400 V 50Hz			
Max.(rated) output current	43.2A	43.3A	57.7A	72.2A
<b>AC output (Grid side)</b>				
Max.(rated) apparent output power	29900VA	30000VA	40000VA	50000VA
Nominal output voltage & frequency	3/N/PE 230/400 V 50Hz			
Max.(rated) output current	43.2 Aac	43.3 Aac	57.7 Aac	72.2 Aac

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## CERTIFICATE ADDENDUM

Parameters/ Models	S6-EH3P29.9K-H- AU	S6-EH3P30K-H- AU	S6-EH3P40K-H- AU	S6-EH3P50K-H- AU
<b>AC Input</b>				
Nominal Voltage & Frequency	3/N/PE 230/400 Vac 50Hz			
Grid max.(rated) continuous current	86.4 A	86.6A	115.4A	144.4A
Gen max.(rated) continuous current	43.2A	43.3A	57.7A	72.2A
<b>General</b>				
Power factor range, Class, IP, Operating Temperature range, OVC Category, Inverter Topology, Software/ Hardware Version	-0.8...1....+0.8 (Lag to Lead) Class I, IP66 -25 °C...+60 °C I/II(PV & BAT), III(Grid, Backup, Gen), non-isolated A2/ ESMZB5150			
Max Altitude & PV (Vdc)	Altitude (m)		Max. PV voltage (Vdc)	
	2000		1000	
	2700		1000	
	3000		981	
	3500		925	
	4000		875	



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