

24 November 2023
Ginlong Technologies Co., Ltd.
No. 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-230938-0.

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

EESS Conformity Certification will upload the required certificate information to the National Database as detailed in the Australian / New Zealand Electrical Equipment Safety System (EESS), Equipment Safety Rules Appendix C. The Responsible Supplier must register their equipment of the Certification Equipment Database as part of the EESS and prior to sale.

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](#).

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



Certificate No.: EESS-230938-0

CERTIFICATE OF SUITABILITY

Certificate Holder: Ginlong Technologies Co., Ltd.
No. 57 Jintong Road, Binhai Industrial Park
Xiangshan, Ningbo, Zhejiang, 315712
CHINA

Regulatory Definition: Non declared / In scope

Product Type: Hybrid Inverter

Risk Level: 1

Trade Name(s): SOLIS

Model No(s): S6-EH1P3K-L-AU, S6-EH1P3.6K-L-AU, S6-EH1P4.6K-L-AU,
S6-EH1P5K-L-AU, S6-EH1P6K-L-AU

Ratings: Refer to Certificate Addendum for specific ratings

Standard(s): IEC 62109-2:2011 with IEC 62109-1:2010 and AS/NZS 4777.2:2020 +A1
(Reference Test Report: 50409230013143-00)

Condition(s): To be installed by Licensed Electrician only in accordance with AS/NZS Wiring Rules, CEC guidelines and the Manufacturer's Installation Manual.
This Certification does not consider other installation requirements or the additional Clean Energy Council (CEC) requirements for Grid Connect inverters or power conversion equipment (PCE).

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: 24 November 2023

Valid Until: 20 November 2028

Conformity Certification Services Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 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 meets the requirements of the Queensland Government Recognised External Certification Scheme (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-230938-0

CERTIFICATE ADDENDUM

PV Input: 90-520Vdc 600Vdc max, 16Ax2, OVCI

Battery Input: 42-58Vdc, 62.5-125A dc max charge/discharge current.

Output (Back-up/Grid): 230V 50Hz 13-26.1A Class I IP66, OVC III, 0.8PF lead to lag.

Rated Apparent Output Power: 3000-6000VA.

AC Input: 230V 50Hz 20-40A

Ambient max 60°C, PD3/2 (External/Internal)

Hardware/Software Version: 0/A2

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



Certificate No.: EESS-230938-0

CERTIFICATE ADDENDUM

Model No.	S6-EH1P3K -L-AU	S6-EH1P3.6K -L- AU	S6- EH1P4.6K -L- AU	S6-EH1P5K -L-AU	S6-EH1P6K -L-AU
1) PV input parameters:					
Max. input voltage	600Vd.c.				
MPPT voltage range	90 - 520Vd.c.				
Max. input current	2 x 16A				
Max. short-circuit input current	2 x 24A				
MPPT number/Max. input strings number	2/2				
2) Battery input parameters:					
Battery type	Li-ion/Lead-acid				
Battery voltage range	42 - 58Vd.c.				
Max. charge current:	62.5Ad.c.	75Ad.c.	100Ad.c.	105Ad.c.	125Ad.c.
Max. discharge current:	62.5Ad.c.	75Ad.c.	100Ad.c.	105Ad.c.	125Ad.c.
AC parameters:					
3) AC-output (Back-up) parameters:					
Rated output voltage:	230Va.c.	230Va.c.	230Va.c.	230Va.c.	230Va.c.
Rated output frequency:	50Hz	50Hz	50Hz	50Hz	50Hz
Rated output current:	13A	15.7A	20A	21.7A	26.1A
Rated output power	3000W	3600W	4600W	5000W	6000W
4) AC-output (Grid side) parameters:					
Rated output voltage:	230Va.c.	230Va.c.	230Va.c.	230Va.c.	230Va.c.
Rated output frequency:	50Hz	50Hz	50Hz	50Hz	50Hz
Rated output current:	13A	15.7A	20A	21.7A	26.1A
Rated apparent output power:	3000VA	3600VA	4600VA	5000VA	6000VA

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



Certificate No.: EESS-230938-0

CERTIFICATE ADDENDUM

Model No.	S6-EH1P3K -L-AU	S6-EH1P3.6K -L- AU	S6- EH1P4.6K -L- AU	S6-EH1P5K -L-AU	S6-EH1P6K -L-AU
5) AC input parameters:					
Rated output voltage:	230Va.c.	230Va.c.	230Va.c.	230Va.c.	230Va.c.
Rated output frequency:	50Hz	50Hz	50Hz	50Hz	50Hz
Rated output current:	20A	24.6A	31.4A	32A	40A
6) General parameters:					
Power factor range	0.8(leading) - 0.8(lagging)				
Operating temperature range:	-25°C...+60°C				
Protective class:	I				
Ingress protection:	IP66				
Oversoltage category:	II(PV), III(MAINS)				
Inverter topology:	Non-isolated				

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