

15 May 2025

Shenzhen Growatt New Energy Co., Ltd
4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave
Bao'an District, Shenzhen, Guangdong
CHINA

Attention: Dulce Chen, Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

CERTIFICATION OF ELECTRICAL EQUIPMENT

It is our pleasure to issue you with the enclosed Modification Addendum EESS-230870-2.

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 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



Certificate No.: EESS-230870-2

CERTIFICATE OF SUITABILITY Modification Addendum

Certificate Holder: Shenzhen Growatt New Energy Co., Ltd
4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave
Bao'an District, Shenzhen, Guangdong
CHINA

Regulatory Definition: Non-Declared
Product Type: Hybrid Inverter

Trade Name(s): GROWATT

Model No(s): *Refer to Certificate Addendum*

Ratings: Input PV: 500 / 550 / 600Vdc max 13.5A x 2 / 16A x 2
Output: 230V 50/60Hz 11.3-22.7A Rated apparent power: 2500-6000VA
Refer to Certificate Addendum for specific ratings

Standard(s): IEC 62109-1:2010 – (reference Test Report 230717031GZU-001)
IEC 62109-2:2011 – (reference Test Report 230717031GZU-002)
AS/NZS 4777.2:2020 +A1 +A2 – (reference Test Report 230717031GZU-003 Revision 2)

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

General Modification: Standard updated to AS/NZS 4777.2:2020 +A1 +A2
AS/NZS 4777.2:2020 +A1 reference Test Report 230717031GZU-003 updated
to reference Test Report 230717031GZU-003 Revision 2

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: 15 May 2025

Valid Until: 8 November 2028

This certificate is issued as a modification addendum to Certificate No.: EESS-230870-0

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-230870-2

CERTIFICATE OF SUITABILITY

Modification Addendum

Model	MIN 2500TL-XH	MIN 3000TL-XH	MIN 3600TL-XH	MIN 4200TL-XH
Max.PV voltage	500 Vdc		550 Vdc	
PV voltage range	70-500 Vdc		70-550 Vdc	
PV Isc	16.9 Adc*2			
Max.input current	13.5 Adc*2			
Max. DC voltage	500 Vdc		550 Vdc	
DC voltage range	360-500 Vdc		360-550 Vdc	
Max. DC current	17 Adc			
Rated input/output power	2500/2500W	3000/3000W	3600/3600W	4200/4200W
Rated apparent power	2500VA	3000VA	3600VA	4200VA

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



Certificate No.: EESS-230870-2

CERTIFICATE OF SUITABILITY

Modification Addendum

Model	MIN 2500TL-XH	MIN 3000TL-XH	MIN 3600TL-XH	MIN 4200TL-XH
Nominal output voltage	230 Vac			
Rated input/output current	11.3/11.3 Aac	13.6/13.6 Aac	16/16 Aac	19/19 Aac
Nominal output Frequency	50/60Hz			
Power factor range	0.8Leading – 0.8 lagging			
Safety level	Class I			
Ingress Protection	IP 65			
Operation Ambient Temperature	-25°C - +60°C			

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



Certificate No.: EESS-230870-2

CERTIFICATE OF SUITABILITY

Modification Addendum

Model	MIN 4600TL-XH	MIN 5000TL-XH	MIN 6000TL-XH
Max.PV voltage	550 Vdc		
PV voltage range	70-550 Vdc		
PV Isc	16.9 Adc*2		
Max.input current	13.5 Adc*2		
Max. DC voltage	550 Vdc		
DC voltage range	360-550 Vdc		
Max. DC current	17 Adc		
Rated input/output power	4600/4600W	5000/5000W	5000/6000W
Rated apparent power	4600VA	5000VA	6000VA
Nominal output voltage	230 Vac		

For and on behalf of
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trading as EESS Conformity Certification



Certificate No.: EESS-230870-2

CERTIFICATE OF SUITABILITY

Modification Addendum

Model	MIN 4600TL-XH	MIN 5000TL-XH	MIN 6000TL-XH
Rated input/output current	20.9/20.9 Aac	22.7/22.7 Aac	22.7/27.2 Aac
Nominal output Frequency	50/60Hz		
Power factor range	0.8Leading – 0.8 lagging		
Safety level	Class I		
Ingress Protection	IP 65		
Operation Ambient Temperature	-25°C - +60°C		
Software version	AL 1.0		

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Certificate No.: EESS-230870-2

CERTIFICATE OF SUITABILITY

Modification Addendum

Model	MIN 2500TL- XH2	MIN 3000TL- XH2	MIN 3600TL- XH2	MIN 4200TL- XH2
Max.PV voltage	500 Vdc		600 Vdc	
PV voltage range	40-500 Vdc		40-600 Vdc	
PV Isc	24 Adc*2			
Max.input current	16 Adc*2			
Max. DC voltage	500 Vdc		550 Vdc	
DC voltage range	360-500 Vdc		360-550 d. Vdc	
Max. DC current	17 Adc			
Rated input/output power	2500/2500W	3000/3000W	3600/3600W	4200/4200W
Rated apparent power	2500VA	3000VA	3600VA	4200VA
Nominal output voltage	230 Vac			

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Certificate No.: EESS-230870-2

CERTIFICATE OF SUITABILITY

Modification Addendum

Model	MIN 2500TL-XH2	MIN 3000TL-XH2	MIN 3600TL-XH2	MIN 4200TL-XH2
Rated input/output current	11.3/11.3 Aac	13.6/13.6 Aac	16/16 Aac	19/19 Aac
Nominal output Frequency	50/60Hz			
Power factor range	0.8Leading – 0.8 lagging			
Safety level	Class I			
Ingress Protection	IP 66			
Operation Ambient Temperature	-30°C - +60°C			

For and on behalf of
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Certificate No.: EESS-230870-2

CERTIFICATE OF SUITABILITY

Modification Addendum

Model	MIN 4600TL-XH2	MIN 5000TL-XH2	MIN 6000TL-XH2
Max.PV voltage	600 Vdc		
PV voltage range	40-600 Vdc		
PV Isc	24 Adc*2		
Max.input current	16 Adc*2		
Max. DC voltage	550 Vdc		
DC voltage range	360-550 Vdc		
Max. DC current	17 Adc		
Rated input/output power	4600/4600W	5000/5000W	5000/6000W
Rated apparent power	4600VA	5000VA	6000VA
Nominal output voltage	230 Vac		

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Certificate No.: EESS-230870-2

CERTIFICATE OF SUITABILITY

Modification Addendum

Model	MIN 4600TL-XH2	MIN 5000TL-XH2	MIN 6000TL-XH2
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Nominal output Frequency	50/60Hz		
Power factor range	0.8Leading – 0.8 lagging		
Safety level	Class I		
Ingress Protection	IP 66		
Operation Ambient Temperature	-30°C - +60°C		
Software version	AL 1.0		

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