

13 March 2025

Shenzhen Growatt New Energy Co. Ltd.
4-13/F. Building A, Sino-German (Europe) Industrial Park Hangcheng Ave,
Bao'an District, Shenzhen, Guangdong, 515100, CHINA

Attention: Wang Harvey, TÜV NORD (Hangzhou) Co. Ltd.

CERTIFICATION OF ELECTRICAL EQUIPMENT

It is our pleasure to issue you with the enclosed Certificate of Suitability EESS-250103-0.

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 EESS Equipment Safety Rules do not require these certification details to be included to the New EESS Platform 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 online on the JAS-ANZ [certificate register](#) website and also on our Conformity Certificate Register [Certificate Search](#) and will not upload the certificate details to the New EESS Platform.

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-250103-0

CERTIFICATE OF SUITABILITY

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, 515100, CHINA

Regulatory Definition: Non-Declared
Product Type: Grid-Hybrid Inverter
Trade Name(s): GROWATT
Model No(s): SPM 8000TL-HU, SPM 10000TL-HU

Ratings: PV Input: 600Vdc max MPPT range: 150-500Vdc 16/16/32A max
AC Input: 230V L+N+E 50Hz 34.8-43.5A 8000-9999VA
AC Output: 230V L+N+E 50Hz 34.8-43.5A Rated apparent output power: 8000-9999VA
Battery: Li-ion 48Vdc Charge / discharge current : 200A max
Class I IP65 ta: 60°C max
Software Version: SKcc-00 Hardware Version: AU2.81
Refer to Certificate Addendum for specific ratings

Standard(s): IEC 62109-2:2011 with IEC 62109-1:2010 (reference Test Report SZNTC2407050SV00
issued: 25/10/2024)
AS/NZS 4777.2:2020 +A1 (reference Test Report BL-DG2520024-201, Rev.01)

Condition(s): To be installed by Licensed Electrician in accordance with the AS/NZS Wiring Rules,
CEC Guidelines, and the Manufacturer's Installation 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 March 2025

Valid Until: 13 March 2030

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-250103-0

CERTIFICATE ADDENDUM

Model No	SPM 10000TL-HU	SPM 8000TL-HU
PV Input Rating		
Vmax PV [Vd.c.]..... :	600	
MPPT voltage range [Vd.c.]..... :	150-500	
Max. input current [Ad.c.]..... :	16+16+32	16+16+32
Isc PV [Ad.c.]..... :	20+20+40	22+22+40
Grid Input/Output Rating		
Rated input/output voltage [Va.c.]..... :	230, L+N+E	
Rated frequency [Hz]..... :	50	
Rated input/output current [Aa.c.]..... :	43.5	34.8
Max. input/output current [Aa.c.]..... :	50.0	40.0
Rated input/output active power [W]..... :	9999	8000
Rated / Max. input/output apparent power [VA].... :	9999	8000
Power factor..... :	0.8 leading to 0.8 lagging	
Load Output Rating		
Rated output voltage [Va.c.]..... :	230, L+N+E	
Rated frequency [Hz]..... :	50	
Rated output current [Aa.c.]..... :	43.5	34.8
Max. output current [Aa.c.]..... :	50.0	40.0
Rated output active power [W]..... :	9999	8000
Rated / Max. output apparent power [VA]..... :	9999	8000

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



Certificate No.: EESS-250103-0

CERTIFICATE ADDENDUM

Model No	SPM 10000TL-HU	SPM 8000TL-HU
Battery Input/Output Rating		
Rated input/output voltage [Vd.c.]..... :	48	
Max. Charger/Discharger current [Ad.c.] . :	200	190
General Parameter		
Ingress protection rating :	IP65	
Ambient temperature range [°C] :	-25 ~ +60 (>45 derating)	
Protective class :	Class I	
Size (H*W*D) [mm] :	855*440*255.6	
Weight [kg] :	42.5	
Overvoltage Category (OVC)..... :	OVC II (PV & BAT), OVC III (Mains)	

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