Certificate of Conformity

Certificate Number: CN-PV-220177R2

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Shenzhen Growatt New Energy Co., Ltd. 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China
Product:	PV Grid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	MIN 2500TL-X, MIN 3000TL-X, MIN 3600TL-X, MIN 4200TL-X, MIN 4600TL-X, MIN 5000TL-X, MIN 6000TL-X, MIN 2500TL-X2, MIN 3000TL-X2, MIN 3600TL-X2, MIN 4200TL-X2, MIN 4600TL-X2, MIN 5000TL-X2, MIN 6000TL-X2
Brand Name<s>:	GROWATT
Product Complies with:	G99 Issue 1 Amendment 9, 3 October 2022 Requirements for the connection of generation equipment in parallel with public distribution networks
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	230403058GZU-012

Replaces certificate CN-PV-220177R1 dated 10 November 2022

Additional information in Appendix.

Signature

Certification Manager: Grady Ye
Date: 28 July 2023

PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220177R2

MODEL	MIN 2500TL-X	MIN 3000TL-X	MIN 3600TL-X	MIN 4200TL-X	MIN 4600TL-X	MIN 5000TL-X	MIN 6000TL-X
Max.DC input voltage	500Vdc		550Vdc				
MPPT voltage range	80~500Vdc		80~550Vdc				
Max.Input current	2*13.5A						
Max.PV Isc	2*16.9A						
Rated output voltage	230V,50Hz						
Max.output current	11.3A	13.6A	16A	19A	20.9A	22.7A	27.2A
Power factor	>0.99						
Adjustable power factor	0.8leading - 0.8lagging						
Rated output power	2500W	3000W	3600W	4200W	4600W	5000W	6000W
Rated apparent power	2500VA	3000VA	3600VA	4200VA	4600VA	5000VA	6000VA
Ambient temperature	-25~ +60℃						
Protection degree	IP65						
Protection class	Class I						
Inverter topology	Non-Isolated						
Overvoltage category	AC III, DC II						
Firmware version:	AK1.0						

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220177R2

MODEL	MIN 2500TL-X2	MIN 3000TL-X2	MIN 3600TL-X2	MIN 4200TL-X2	MIN 4600TL-X2	MIN 5000TL-X2	MIN 6000TL-X2
Max.DC input voltage	500Vdc		550Vdc				
MPPT voltage range	40~500Vdc		40~550Vdc				
Max.Input current	2*16A						
Max.PV Isc	2*24A						
Rated output voltage	230V,50Hz						
Max.output current	11.3A	13.6A	16A	19A	20.9A	22.7A	27.2A
Power factor	>0.99						
Adjustable power factor	0.8leading - 0.8lagging						
Rated output power	2500W	3000W	3600W	4200W	4600W	5000W	6000W
Rated apparent power	2500VA	3000VA	3600VA	4200VA	4600VA	5000VA	6000VA
Ambient temperature	-30~ +60℃						
Protection degree	IP66						
Protection class	Class I						
Inverter topology	Non-Isolated						
Overvoltage category	AC III, DC II						
Firmware version:	AK1.0						

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