

Certificate of Conformity

Certificate Number: CN-PVES-240112

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:	MOD 3000TL3-X2(Pro), MOD 4000TL3-X2(Pro), MOD 5000TL3-X2(Pro), MOD 6000TL3-X2(Pro), MOD 7000TL3-X2(Pro), MOD 8000TL3-X2(Pro), MOD 9000TL3-X2(Pro), MOD 10KTL3-X2(Pro), MOD 11KTL3-X2(Pro), MOD 12KTL3-X2(Pro), MOD 13KTL3-X2(Pro), MOD 15KTL3-X2(Pro)
Brand Name<s>:	GROWATT
Product Complies with:	IEC/EN 62109-1:2010 Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements IEC/EN 62109-2:2011 Safety of Power Converter for use in Photovoltaic Power Systems Part 2: Particular requirements for inverters
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd 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>:	240105040GZU-001, 28 Mar 2024 240105040GZU-002, 28 Mar 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 03 April 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240112.

Model	MOD 3000TL3-X2(Pro)	MOD 4000TL3-X2(Pro)	MOD 5000TL3-X2(Pro)	MOD 6000TL3-X2(Pro)	MOD 7000TL3-X2(Pro)	MOD 8000TL3-X2(Pro)
Max. DC voltage	1100V					
MPP voltage range	140-1000V					
Full-load voltage range	250-850V			300-850V		
No. of MPP trackers	2					
No. of PV strings per MPP trackers	1/1					
Max. input current per MPP trackers	20A/20A					
Max. short-circuit current per MPP trackers	25A/25A					
AC rated power	3kW	4kW	5kW	6kW	7kW	8kW
Max. AC apparent power	3.3kVA	4.4kVA	5.5kVA	6.6kVA	7.7kVA	8.8kVA
Nominal AC voltage	3W/N/PE,220V/380V; 230V/400V					
AC grid frequency	50/60 Hz					
Max. output current	5.0A	6.7A	8.3A	10.0A	11.7A	13.3A
Adjustable power factor	0.8Leading ...0.8Lagging					
Operating temperature range	-25°C ... +60°C (>45°C Derating)			-25°C ... +60°C (>40°C Derating)		
Protection degree	IP66					
Software Version	DL1.0					

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Model	MOD 9000TL3-X2(Pro)	MOD 10KTL3-X2(Pro)	MOD 11KTL3-X2(Pro)	MOD 12KTL3-X2(Pro)	MOD 13KTL3-X2(Pro)	MOD 15KTL3-X2(Pro)
Max. DC voltage	1100V					
MPP voltage range	140-1000V					
Full-load voltage range	350-850V	400-850V		500-850V		
No. of MPP trackers	2					
No. of PV strings per MPP trackers	1/1					
Max. input current per MPP trackers	20A/20A					
Max. short-circuit current per MPP trackers	25A/25A					
AC rated power	9kW	10kW	11kW	12kW	13kW	15kW
Max. AC apparent power	9.9kVA	11kVA	12.1kVA	13.2kVA	14.3kVA	16.5kVA
Nominal AC voltage	3W/N/PE,220V/380V; 230V/400V					
AC grid frequency	50/60 Hz					
Max. output current	15.0A	16.0A	18.3A	20.0A	21.7A	25.0A
Adjustable power factor	0.8Leading ...0.8Lagging					
Operating temperature range	-25°C ... +60°C (>40°C Derating)					
Protection degree	IP66					
Software Version	DL1.0					

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