

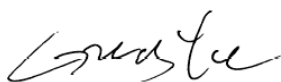
Certificate of Conformity

Certificate Number: CN-PVES-240187

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 4000TL3-X2(Pro), MOD 5000TL3-X2(Pro), MOD 6000TL3-X2(Pro), MOD 8000TL3-X2(Pro), MOD 9000TL3-X2(Pro), MOD 10KTL3-X2(Pro), MOD 12KTL3-X2(Pro), MOD 15KTL3-X2(Pro)
Brand Name<s>:	GROWATT
Product Complies with:	IEC 61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC60068-2-14:2009, IEC60068-2-30:2005 Test A: clod, Test B: Dry heat, Test N: change of temperature, Test Db: Damp heat, cyclic
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>:	240105057GZU-001, 28 April 2024 240105057GZU-002, 28 April 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 07 May 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240187.

Model	MOD 4000TL3-X2(Pro)	MOD 5000TL3-X2(Pro)	MOD 6000TL3-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	4kW	5kW	6kW	8kW
Max. AC apparent power	4.4kVA	5.5kVA	6.6kVA	8.8kVA
Nominal AC voltage	3W/N/PE,220V/380V; 230V/400V			
AC grid frequency	50/60 Hz			
Max. output current	6.7A	8.3A	10.0A	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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APPENDIX: Certificate of Conformity

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Model	MOD 9000TL3-X2(Pro)	MOD 10KTL3-X2(Pro)	MOD 12KTL3-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	12kW	15kW
Max. AC apparent power	9.9kVA	11kVA	13.2kVA	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	20.0A	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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