

Certificate of Conformity

Certificate Number: CN-PVES-240318

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:	MAX 150KTL3-X LV, MAX 180KTL3-X MV
Brand Name<s>:	GROWATT
Product Complies with:	IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface IEC 62116:2014 Test procedure of islanding prevention measures for utility-interconnected photovoltaic 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>:	240401019GZU-001, 05 July 2024 240401019GZU-002, 05 July 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 09 July 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240318

Model	MAX 150KTL3-X LV	MAX 180KTL3-X MV
Max.PV voltage	1100V	
PV voltage range	180V-1000V	180V-1000V
MPPT voltage range	600V-850V	600V-850V
Max input Current	45A*10	
PV Isc	56.5A*10	
Number of strings per MPPT	10	
Nominal output voltage	220V/380V 230V/400V	277V/480V
Nominal output Frequency	50/60 Hz	
Max.output current	250.7A@380V 238.2A@400V	238.2A
Max.output power	150000W	180000W
Max.apparent power	165000VA	198000VA
Power factor range	-0.8 ~ 0.8	
Safety level	Class II	
Ingress Protection	IP66	
Operation Ambient Temperature	-30°C ~ +60°C	

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