

Certificate of Conformity

Certificate Number: CN-PVES-240362

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specifications /standards at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer 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
Models:	MAX 150KTL3-X LV, MAX 180KTL3-X MV
Brand Name:	GROWATT
Tested according to:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters 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
Test Reports No:	Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012 240401018GZU-001, 05 Aug. 2024 240401018GZU-002, 05 Aug. 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 06 August 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240362

Model	MAX 150KTL3-X LV	MAX 180KTL3-X MV
PV Data		
Max. PV voltage	1100 d.c.V	
PV voltage range	180-1000 d.c.V	
Nominal input voltage	600 d.c.V	720 d.c.V
PV Isc	56.5 d.c.A*10	
Max. input current	45 d.c.A*10	
Number of MPP trackers	10	
AC Data		
Nominal output voltage	3W/N/PE 230/400 a.c.V	3W+PE 277/480 a.c.V
Nominal output Frequency	50/60Hz	
Max. output power	150 kW	180 kW
Max. apparent power	165 kVA	198 kVA
Max. output current	250.7 a.c.A	238.2 a.c.A
Power factor range	0.8 leading ~ 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP66	
Operation ambient temperature	-30°C ~ +60°C	
Altitude	4000m	
Software version	TQ1.0	

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