

Certificate of Conformity

Certificate Number: CN-PVES-240319

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 Name & Address:	Shenzhen Growatt New Energy Co., Ltd 4-13/F, Building A, Sino-German (Europe) Industrial Park, Hangcheng Ave, Bao'an District, Shenzhen, China
Product Description:	PV Grid inverter
Ratings & Principle Characteristics:	See Annex to Certificate of Conformity
Models/Type References:	MAX 150KTL3-X LV
Brand Name:	GROWATT
Specification/Standard:	IEC 60068-2-1:2007, Environmental testing -Part 2-1: Tests-Test A: Cold IEC 60068-2-2:2007, Environmental testing -Part 2-2: Tests-Test B: Dry heat IEC60068-2-14:2009, Environmental testing -Part 2-14: Tests-Test N: Change of temperature IEC60068-2-30:2005, Environmental testing -Part 2-30: Tests-Test Db: Damp heat, Cyclic (12h+12h cycle) IEC61683:1999, Photovoltaic systems-Power conditioners-procedure for measuring efficiency
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 Number:	240401020GZU-001, 05 July 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 10 July 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240319

Model	MAX 150KTL3-X LV
Max.PV voltage	1100Vdc
PV voltage range	180V – 1000Vdc
Max.input current	45A
PV Isc	56.5A
Number of MPPT	10
Number of strings per MPPT	1~6MPPT: 2 7~10MPPT: 3
Nominal output voltage	3W/N/PE,220/380Vac 3W/N/PE,230/400Vac
Nominal output Frequency	50/60Hz
Max.output current	250.7A@380V 238.2A@400V
Max.output power	150kW
Max.apparent power	165kW
Power factor range	0.8Leading – 0.8 lagging
Safety level	Class I
Ingress Protection	IP 66
Operation Ambient Temperature	-30°C - +60°C
Software version	TQ1.0

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