

Certificate of Conformity

Certificate Number: CN-PV-210175R1

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 to Certificate of Conformity
Models:	MAX 80KTL3-X LV, MAX 100KTL3-X LV, MAX 110KTL3-X LV, MAX 120KTL3-X LV, MAX 125KTL3-X LV, MAX 133KTL3-X LV, MAX 125KTL3-X MV, MAX 136KTL3-X MV, MAX 150KTL3-X MV MAX 80KTL3-X2 LV, MAX 100KTL3-X2 LV, MAX 110KTL3-X2 LV, MAX 120KTL3-X2 LV, MAX 125KTL3-X2 LV, MAX 133KTL3-X2 LV MAX 125KTL3-X2 MV, MAX 136KTL3-X2 MV, MAX 150KTL3-X2 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, 2nd 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 Reports No:	220921055GZU-001, 220921055GZU-002

Replaces certificate CN-PV-210175, dated 15 July 2021
Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 12 January 2023



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210175R1

Model	MAX 80KTL3-X LV MAX 80KTL3-X2 LV	MAX 100KTL3-X LV MAX 100KTL3-X2 LV	MAX 110KTL3-X LV MAX 110KTL3-X2 LV	MAX 120KTL3-X LV MAX 120KTL3-X2 LV	MAX 125KTL3-X LV MAX 125KTL3-X2 LV
Max.PV voltage	1100Vdc				
PV voltage range	180V – 1000Vdc				
Max.input current	32A*7 ¹⁾ 45A*8 ²⁾	32A*10 ¹⁾ 45A*8 ²⁾			
PV Isc	40A*7 ¹⁾ 56.5A*8 ²⁾	40A*10 ¹⁾ 56.5A*8 ²⁾			
Number of strings per MPPT	2				
Nominal output voltage	3W/N/PE, 230/400Vac				
Nominal output Frequency	50/60Hz				
Max.output current	133.7A	167.1A	183.8A	200.5A	208.9A
Max.output power	80KW	100KW	110KW	120KW	125KW
Max.apparent power	88KVA	110KVA	121KVA	132KVA	137.5KVA
Power factor range	0.8Leading – 0.8 lagging				
Safety level	Class I				
Ingress Protection	IP 66				
Operation Ambient Temperature	-30℃ - +60℃				
Software version	TN1.0				
1) for “-X” series; 2) for “-X2” series					

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Model	MAX 133KTL3-X LV MAX 133KTL3-X2 LV	MAX 125KTL3-X MV MAX 125KTL3-X2 MV	MAX 136KTL3-X MV MAX 136KTL3-X2 MV	MAX 150KTL3-X MV MAX 150KTL3-X2 MV
Max.PV voltage	1100Vdc			
PV voltage range	180V – 1000Vdc			
Max.input current	32A*10 ¹⁾ 45A*8 ²⁾			
PV Isc	40A*10 ¹⁾ 56.5A*8 ²⁾			
Number of strings per MPPT	2			
Nominal output voltage	3W/N/PE, 230/400Vac	3W/PE, 277/480Vac		
Nominal output Frequency	50/60Hz			
Max.output current	222.3A	165.4A	179.9A	198.5A
Max.output power	133KW	125KW	136KW	150KW
Max.apparent power	146.3KVA	137.5KVA	149.6KVA	165.0KVA
Power factor range	0.8Leading – 0.8 lagging			
Safety level	Class I			
Ingress Protection	IP 66			
Operation Ambient Temperature	-30℃ - +60℃			
Software version	TN1.0			
1) for “-X” series; 2) for “-X2” series				

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