

Certificate of Conformity

Certificate Number: CN-PV-210145

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. 2F and 3F, Building 4, Jiayu Company Industrial Park, Xibianling, Shangyu Village, Shiyan Street, 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
Brand Name:	GROWATT
Tested according to:	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
Test Reports No:	210223041GZU-001 210223041GZU-002

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 09 June 2021

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210145

Model	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.PV voltage	1100Vdc					
MPPT voltage	180-1000Vdc					
Max.input current	7*32A	10*32A				
PV Isc	7*40A	10*40A				
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	222.3A
Nominal output power	80KW	100KW	110KW	120KW	125KW	133KW
Max.apparent power	88KVA	110KVA	121KVA	132KVA	137.5K VA	146.3K VA
Power factor range	0.8Leading~0.8Lagging					
Safety level	Class I					
Ingress Protection	IP 66					
Operation Ambient Temperature	-30°C - +60°C					
Software version	TN1.0					

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Model	MAX 125KTL3-X MV	MAX 136KTL3-X MV	MAX 150KTL3-X MV
Max.PV voltage	1100Vdc		
MPPT voltage	180-1000Vdc		
Max.input current	10*32A		
PV Isc	10*40A		
Nominal output voltage	3W/PE, 277/480Vac		
Nominal output Frequency	50/60Hz		
Max.output current	165.4A	179.9A	198.5A
Nominal output power	125KW	136KW	150KW
Max.apparent power	137.5KVA	149.6KVA	165.0KVA
Power factor range	0.8Leading~0.8Lagging		
Safety level	Class I		
Ingress Protection	IP 66		
Operation Ambient Temperature	-30°C - +60°C		
Software version	TN1.0		

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