

Certificate of Conformity

Certificate Number: CN-PV-190083

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 Technology CO.,Ltd 1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28, GuangHui Road, LongTeng Community, Shiyan Street, Baoan District, Shenzhen, P. R. China
Product:	PV Grid inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Models:	MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 75KTL3 LV, MAX 80KTL3 LV, MAX 60KTL3 MV, MAX 70KTL3 MV, MAX 80KTL3 MV, MAX 90KTL3 MV, MAX 100KTL3 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 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China
Test Reports No:	191120148GZU-004, 191120148GZU-005

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 9 December 2019

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190083.

Ratings & Principle Characteristics:

Model	MAX 50KTL3 LV	MAX 60KTL3 LV	MAX 70KTL3 LV	MAX 75KTL3 LV
Max. PV voltage	1100 d.c.V			
PV voltage range	200-1000 d.c.V			
PV Isc	32 d.c.A*6		32 d.c.A*7	
Max. input current	26 d.c.A*6		26 d.c.A*7	
Max. output power	50000W	60000W	70000W	75000W
Max. apparent power	55500VA	66600VA	77700VA	83300VA
Nominal output voltage	3W/N/PE 230/400 a.c.V			
Max. output current	80.5 a.c.A	96.6 a.c.A	112.7 a.c.A	120.8 a.c.A
Nominal output frequency	50/60Hz			
Power factor range	0.8Leading ~ 0.8Lagging			
Safety level	Class I			
Ingress Protection	IP65			
Operation Ambient Temperature	-25°C - +60°C			
Software Version	TI1.0			

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APPENDIX: Certificate of Conformity

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Ratings & Principle Characteristics:

Model	MAX 80KTL3 LV	MAX 60KTL3 MV	MAX 70KTL3 MV	MAX 80KTL3 MV
Max. PV voltage	1100 d.c.V			
PV voltage range	200-1000 d.c.V			
PV Isc	32 d.c.A*7	32 d.c.A*6	32 d.c.A*7	
Max. input current	26 d.c.A*7	26 d.c.A*6	26 d.c.A*7	
Max. output power	80000W	60000W	70000W	80000W
Max. apparent power	88800VA	66600VA	77700VA	88800VA
Nominal output voltage	3W/N/PE 230/400 a.c.V	3W/N/PE or 3W+PE 277/480 a.c.V		
Max. output current	128.8 a.c.A	80.2 a.c.A	93.6 a.c.A	107.0 a.c.A
Nominal output frequency	50/60Hz			
Power factor range	0.8Leading ~ 0.8Lagging			
Safety level	Class I			
Ingress Protection	IP65			
Operation Ambient Temperature	-25°C - +60°C			
Software Version	TI1.0			

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APPENDIX: Certificate of Conformity

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Ratings & Principle Characteristics:

Model	MAX 90KTL3 MV	MAX 100KTL3 MV
Max. PV voltage	1100 d.c.V	
PV voltage range	200-1000 d.c.V	
PV Isc	32 d.c.A*7	
Max. input current	26 d.c.A*7	
Max. output power	90000W	100000W
Max. apparent power	99900VA	111000VA
Nominal output voltage	3W+PE 288/500 a.c.V	
Max. output current	115.7 a.c.A	128.6 a.c.A
Nominal output frequency	50/60Hz	
Power factor range	0.8Leading ~ 0.8Lagging	
Safety level	Class I	
Ingress Protection	IP65	
Operation Ambient Temperature	-25°C - +60°C	
Software Version	TI1.0	

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