Test Verification of Conformity

Verification Number: 191022057GZU-VOC001

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. This verification is part of the full test report and should be read in conjunction with it.

Applicant Name & Address:	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 Description:	PV Grid inverter
Ratings & Principle Characteristics:	See APPENDIX of Test Verification of Conformity
Models/Type References:	MAC 50KTL3-X MV, MAC 60KTL3-X MV, MAC 66KTL3-X MV, MAC 70KTL3-X MV
Brand Name:	Growatt
Specifications/Standards:	IEEE 1547:2003 Interconnecting Distributed Resources with Electric Power Systems (R2008) IEEE 1547A:2014 Amendment 1 to IEEE 1547 - Interconnecting Distributed Resources with Electric Power Systems IEEE 1547.1:2005 Standard Conformance Test Procedures for Equipment Interconnecting Distributed Resources With Electric Power Systems
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China
Test Report Number:	191022057GZU-001

Additional information in Appendix.

Signature

Name: Tommy Zhong
Position: Technical Manager
Date: 06 December 2019

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 191022057GZU-VOC001

Ratings & Principle Characteristics:

Model	MAC 50KTL3-X MV	MAC 60KTL3-X MV	MAC 66KTL3-X MV	MAC 70KTL3-X MV
Max.PV voltage	1100Vdc			
PV voltage range	200V – 1000Vdc			
Max.input current	52A/39A /39A	52A*3		
PV Isc	55A*3			
Nominal output voltage	3W/PE, 277/480Vac			
Nominal output Frequency	60Hz			
Max.output current	66.9A	80.2A	88.2A	93.6A
Max.output power	50.0KW	60.0KW	66.0KW	70.0KW
Max.apparent power	55.5KVA	66.6KVA	73.3KVA	77.7KVA
Power factor range	0.8Leading – 0.8 lagging			
Safety level	Class I			
Ingress Protection	IP 65			
Operation Ambient Temperature	-25℃ - +60℃			
Software version	TK1.0			

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