

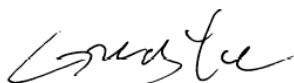
Certificate of Conformity

Certificate Number: CN-PV-210037

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, Guangdong, China
Product:	PV Grid inverter
Ratings & Principle Characteristics:	See Appendix to Certificate of Conformity
Models:	MID 20KTL3-X, MID 25KTL3-X
Brand Name:	Growatt
Tested according to:	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 IEC 60068-2-14:2009, Environmental testing – Part 2-14: Tests- Test N: Change of temperature IEC 60068-2-30:2005, Environmental testing – Part 2-30: Tests- Test Db: Damp heat, cyclic (12h +12h cycle) IEC 61683: 1999, Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
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
Test Reports No:	190826049GZU-001 Revision 1: 02 Mar 2021

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 04 March 2021

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210037

Ratings & Principle Characteristics:

Model	MID 20KTL3-X	MID 25KTL3-X
Max.PV voltage	1100Vdc	
PV voltage range	160V – 1000Vdc	
Max.input current	27A*2	27/40.5A
PV Isc	33.8A*2	33.8/50.7A
Nominal output voltage	3W/N/PE, 230/400Vac	
Nominal output Frequency	50/60Hz	
Max.output current	31.9A	40.2A
Max.output power	20.0KW	25.0KW
Max.apparent power	22.0KVA	27.7KVA
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 65	
Operation Ambient Temperature	-25°C - +60°C	
Software version	TJ1.0	

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