

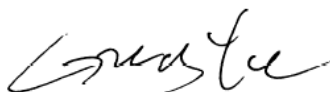
Certificate of Conformity

Certificate Number: CN-PV-210038

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 10KTL3-X, MID 12KTL3-X, MID 15KTL3-X, MID 17KTL3-X, MID 20KTL3-X, MID 22KTL3-X, MID 25KTL3-X
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, 2nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China
Test Reports No:	190416203GZU-001 Revision 1: 02 Mar 2021 190416203GZU-002 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-210038

Ratings & Principle Characteristics:

Maximum d.c. input voltage: 1100 Vdc
Input voltage range: 160-1000Vdc
MPPT voltage range (full Load): 280-850 V (for MID 10KTL3-X, MID 12KTL3-X); 420-850 V (for MID 10KTL3-X, MID 12KTL3-X, MID 15KTL3-X); 480-850 V (for MID 17KTL3-X, MID 20KTL3-X); 520-850 V (for MID 22KTL3-X, MID 25KTL3-X);
Max. input current: 2×27A (for the models except MID 25KTL3-X) ,27/40.5A (for MID 25KTL3-X)
PV Isc: 2×33.8A (for the models except MID 25KTL3-X), 33.8/50.7A (for MID 25KTL3-X)
Nominal output voltage: 3W/N/PE 230V/400Vac
Max. output current: 16.1A (for MID 10KTL3-X); 19.3A (for MID 12KTL3-X); 24.2A (for MID 15KTL3-X); 27.4A (for MID 17KTL3-X); 31.9 A (for MID 20KTL3-X); 35.5A (for MID 22KTL3-X); 40.2 A (for MID 25KTL3-X)
Nominal frequency: 50/60 Hz
Max. output power: 10000W (for MID 10KTL3-X); 12000W (for MID 12KTL3-X); 15000W (for MID 15KTL3-X); 17000W (for MID 17KTL3-X); 20000W (for MID 20KTL3-X); 22000W (for MID 22KTL3-X); 25000W (for MID 25KTL3-X)
Max. apparent power: 11100VA (for MID 10KTL3-X); 13300VA (for MID 12KTL3-X); 16600VA (for MID 15KTL3-X); 18800VA (for MID 17KTL3-X); 22000VA (for MID 20KTL3-X); 24400VA (for MID 22KTL3-X); 27700VA (for MID 25KTL3-X)
Power factor range: 0.8leading ~ 0.8lagging
Safety level: Class I
Ingress protection: IP65
Operating temperature range: -25 ~ +60°C
Software Version: TJ1.0