

Certificate of Conformity

Certificate Number: CN-PV-190012

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:	MIN 2500TL-X, MIN 3000TL-X, MIN 3600TL-X, MIN 4200TL-X, MIN 4600TL-X, MIN 5000TL-X, MIN 6000TL-X, MIN 2500TL-XE, MIN 3000TL-XE, MIN 3600TL-XE, MIN 4200TL-XE, MIN 4600TL-XE, MIN 5000TL-XE, MIN 6000TL-XE, MIN 2500TL-XH, MIN 3000TL-XH, MIN 3600TL-XH, MIN 4200TL-XH, MIN 4600TL-XH, MIN 5000TL-XH, MIN 6000TL-XH
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:	181016146GZU-001: 25 February 2019, 181016146GZU-001 Revision 1: 29 August 2019 181016146GZU-002: 25 February 2019, 181016146GZU-002 Revision 1: 29 August 2019

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 11 September 2019

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190012.

Ratings & Principle Characteristics:

MIN 6000TL-X, MIN 6000TL-XE (except DC input ratings); MIN 6000TL-XH
PV Input: 80-550Vdc, Max 550Vdc

Isc: 2 x 16A, Max 2 x 12.5A

Max DC voltage: 480Vdc, DC voltage range: 350-480Vdc, Max DC current: 10A

Output: 230Vac, 50/60Hz, Max 27.2A 6000W, 6000VA

-25°C to +60°C, Class I, IP65

MIN 5000TL-X, MIN 5000TL-XE (except DC input ratings); MIN 5000TL-XH

PV Input: 80-550Vdc, Max 550Vdc, Isc: 2 x 16A, Max 2 x 12.5A

Max DC voltage: 480Vdc, DC voltage range: 350-480Vdc, Max DC current: 10A

Output: 230Vac, 50/60Hz, Max 22.7A 5000W, 5000VA

MIN 4600TL-X, MIN 4600TL-XE (except DC input ratings); MIN 4600TL-XH

Input: 80-550Vdc, Max 550Vdc, Isc: 2 x 16A, Max 2 x 12.5A

Max DC voltage: 480Vdc, DC voltage range: 350-480Vdc, Max DC current: 10A

Output: 230Vac, 50/60Hz, Max 20.9A 4600W, 4600VA

MIN 4200TL-X, MIN 4200TL-XE (except DC input ratings); MIN 4200TL-XH

Input: 80-550Vdc, Max 550Vdc, Isc: 2 x 16A, Max 2 x 12.5A

Max DC voltage: 480Vdc, DC voltage range: 350-480Vdc, Max DC current: 10A

Output: 230Vac, 50/60Hz, Max 19A 4200W, 4200VA

MIN 3600TL-X, MIN 3600TL-XE (except DC input ratings); MIN 3600TL-XH

Input: 80-550Vdc, Max 550Vdc, Isc: 2 x 16A, Max 2 x 12.5A

Max DC voltage: 480Vdc, DC voltage range: 350-480Vdc, Max DC current: 10A

Output: 230Vac, 50/60Hz, Max 16A 3600W, 3600VA

MIN 3000TL-X, MIN 3000TL-XE (except DC input ratings); MIN 3000TL-XH

Input: 80-500Vdc, Max 500Vdc, Isc: 2 x 16A, Max 2 x 12.5A

Max DC voltage: 480Vdc, DC voltage range: 350-480Vdc, Max DC current: 10A

Output: 230Vac, 50/60Hz, Max 13.6A 3000W, 3000VA

MIN 2500TL-X, MIN 2500TL-XE (except DC input ratings); MIN 2500TL-XH

Input: 80-500Vdc, Max 500Vdc, Isc: 2 x 16A, Max 2 x 12.5A

Max DC voltage: 480Vdc, DC voltage range: 350-480Vdc, Max DC current: 10A

Output: 230Vac, 50/60Hz, Max 11.3A 2500W, 2500VA

The Software version: AL1.0 for MIN TL-XH and TL-XE series, AK 1.0 for MIN TL-X series