

Test Verification of Conformity

Verification Number: 190826052GZU-001

On the basis of the referenced test reports, samples tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test reports and should be read in conjunction with them.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested samples.

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: Test Verification of Conformity
Models/Type References:	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(s):	
Standard(s)/Directive(s):	See Appendix: Test Verification of Conformity
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(s):	181016123GZU-003 and Revision 1:29 Aug 2019 181016123GZU-004 and Revision 1:29 Aug 2019

Additional information in Appendix



Signature

Name: Tommy Zhong

Position: Technical Manager

Date: 29 Aug 2019

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190826052GZU-001

Ratings & Principle
Characteristics:

MIN 6000TL-XH, MIN 6000TL-XE (except DC input ratings)
 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-XH, MIN 5000TL-XE (except DC input ratings)
 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-XH, MIN 4600TL-XE (except DC input ratings)
 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-XH, MIN 4200TL-XE (except DC input ratings)
 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-XH, MIN 3600TL-XE (except DC input ratings)
 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-XH, MIN 3000TL-XE (except DC input ratings)
 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-XH, MIN 2500TL-XE (except DC input ratings)
 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

Standard(s)/Directive(s):

IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements
 IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters
 Low Voltage Directive 2014/35/EU

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