

# Certificate of Conformity

Certificate Number: CN-PV-220013

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

<b>Applicant:</b>	Shenzhen Growatt New Energy Co.,Ltd. 4-13/F,Building A,Sino-German(Europe) Industrial Park,Hangcheng Ave,Bao'an District,Shenzhen,China
<b>Product:</b>	AC Coupled Inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	MIN 2500TL-XA, MIN 3000TL-XA, MIN 3600TL-XA, MIN 4200TL-XA, MIN 4600TL-XA, MIN 5000TL-XA, MIN 6000TL-XA
<b>Brand Name&lt;s&gt;:</b>	GROWATT
<b>Product Complies with:</b>	IEC/EN 62109-1:2010 (First Edition) Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements IEC/EN 62109-2:2011 Safety of Power Converter for use in Photovoltaic Power Systems Part 2: Particular requirements for inverters IEC 62477-1:2012, AMD1:2016, EN 62477-1:2012 + A11:2014 + A1:2017 Safety requirements for power electronic converter systems and equipment Part 1: General
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by China National Accreditation Service for Conformity Assessment (CNAS C058-P) in accordance with ISO/IEC 17065:2012
<b>Test Report No.&lt;s&gt;:</b>	211217119GZU-001,211217119GZU-002,211217119GZU-004

Certification procedure: SMS-PV-OP-19

Product certification scheme type: Type test

Additional information in Appendix.

Signature

Certification Manager: Grady Ye

Date: 18 January 2022



中国认可  
国际互认  
产品  
PRODUCT  
CNAS C058-P

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220013.

Model	MIN 2500TL-XA	MIN 3000TL-XA	MIN 3600TL-XA	MIN 4200TL-XA
Max. DC voltage	550 Vdc			
DC voltage range	360-550 Vdc			
Max. DC current	17 A			
Rated input / output power	2500/2500W	3000/3000W	3600/3600W	4200/4200W
Rated apparent power	2500VA	3000VA	3600VA	4200VA
Nominal voltage	230 Vac			
Rated input/output current	11.3/11.3 A	13.6/13.6 A	16/16 A	19/19 A
Nominal Frequency	50Hz			
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	AL 1.0			
Model	MIN 4600TL-XA	MIN 5000TL-XA	MIN 6000TL-XA	
Max. DC voltage	550 Vdc			
DC voltage range	360-550 Vdc			
Max. DC current	17 A			
Rated input/output power	4600/4600W	5000/5000W	5000/6000W	
Rated apparent power	4600VA	5000VA	6000VA	
Nominal voltage	230 Vac			
Nominal input/output current	20.9/20.9 A	22.7/22.7 A	22.7/27.2 A	
Nominal Frequency	50Hz			
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	AL 1.0			

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