

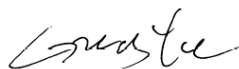
Certificate of Conformity

Certificate Number: CN-PV-210069

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.

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, China
Product:	PV Grid inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	MIN 4200TL-X, MIN 5000TL-X, MIN 6000TL-X,
Brand Name<s>:	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 Report No.<s>:	210107091GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 23 April 2021

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210069

MODEL	MIN 4200TL-X	MIN 5000TL-X	MIN 6000TL-X
Max. PV voltage	550 d.c.V		
Input DC voltage range	80-550 d.c.V		
Full load MPP DC voltage voltage	170-550 d.c.V	200-550 d.c.V	250-550 d.c.V
PV Isc	16.9 d.c.A*2		
Max. input current	13.5 d.c.A*2		
Max. output power	4200 W	5000 W	6000 W
Max output current	19 a.c.A	22.7 a.c.A	27.2 a.c.A
Output voltage	230 a.c.V		
Nominal Frequency	50/60Hz		
Power Factor	0.8 Leading to 0.8 Lagging		
Ambient Temperature	-25 °C - +60 °C		
Protection Degree	IP65		
Protection Class	Class I		
Software Version	AK 1.0		

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