

Certificate of Conformity

Certificate Number: CN-PV-210094

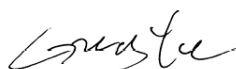
On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced specifications/standards at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The 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, Shiyuan Street, Bao'an District, Shenzhen, China
Product:	PV Grid Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	MIN 7000TL-X, MIN 7000TL-X(E), MIN 8000TL-X, MIN 8000TL-X(E), MIN 9000TL-X, MIN 10000TL-X
Brand Name:	GROWATT
Tested according to:	IEC 61000-6-1:2005, EN 61000-6-1:2007 IEC 61000-6-3:2006+A1:2010, EN 61000-6-3:2007+A1:2011 IEC 61000-6-2:2005, EN 61000-6-2:2005 IEC 61000-6-4:2006+A1:2010, EN 61000-6-4:2007+A1:2011 IEC 61000-3-12:2011, EN 61000-3-12 :2011 IEC 61000-3-11:2000, EN 61000-3-11:2000
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>:	201230067GZU-001, 201230067GZU-002

Additional information in Appendix.

Signature

Certification Manager:
Date: 29 April 2021



APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210094

Ratings & Principle Characteristics:

Model	MIN 7000TL-X	MIN 7000TL-X(E)
Max.PV voltage	600 d.c.V	
PV voltage range	60-550 d.c.V	
Max.input current per MPP trackers	13.5/13.5/13.5 d.c.A	13.5/27 d.c.A
PV Isc per MPP trackers	16.9/16.9/16.9 d.c.A	16.9/33.8 d.c.A
Max.output power	7000W	7000W
Max.apparent power	7000VA	7000VA
Nominal output voltage	230 a.c.V	
Max.output current	33.5 a.c.A	33.5 a.c.A
Nominal output Frequency	50/60 Hz	
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 66	
Operation Ambient Temperature	-25°C - +60°C	
Software Version	AM1.0	

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-210094

Ratings & Principle Characteristics:

Model	MIN 8000TL-X	MIN 8000TL-X(E)
Max.PV voltage	600 d.c.V	
PV voltage range	60-550 d.c.V	
Max.input current per MPP trackers	13.5/13.5/13.5 d.c.A	13.5/27 d.c.A
PV Isc per MPP trackers	16.9/16.9/16.9 d.c.A	16.9/33.8 d.c.A
Max.output power	8000W	8000W
Max.apparent power	8000VA	8000VA
Nominal output voltage	230 a.c.V	
Max.output current	38.3 a.c.A	38.3 a.c.A
Nominal output Frequency	50/60 Hz	
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 66	
Operation Ambient Temperature	-25°C - +60°C	
Software Version	AM1.0	

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APPENDIX: Certificate of Conformity

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Ratings & Principle Characteristics:

Model	MIN 9000TL-X	MIN 10000TL-X
Max.PV voltage	600 d.c.V	
PV voltage range	60-550 d.c.V	
Max.input current per MPP trackers	13.5/13.5/27 d.c.A	
PV Isc per MPP trackers	16.9/16.9/33.8 d.c.A	
Max.output power	9000W	10000W
Max.apparent power	9000VA	10000VA
Nominal output voltage	230 a.c.V	
Max.output current	43.0 a.c.A	45.5 a.c.A
Nominal output Frequency	50/60 Hz	
Power factor range	0.8Leading – 0.8 lagging	
Safety level	Class I	
Ingress Protection	IP 66	
Operation Ambient Temperature	-25°C - +60°C	
Software Version	AM1.0	

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