

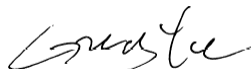
Certificate of Conformity

Certificate Number: CN-PV-190039

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 of Certificate of Conformity
Model:	Growatt 3300-S, Growatt 3000-S, Growatt 2000-S, Growatt 1000-S
Brand Name:	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 2/F (West Side), No. 707, Zhangyang Road, Free Trade Experimental Area, Shanghai, P. R. China
Test Report No.:	190912142GZU-001

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 29 October 2019

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-190039

Ratings & Principle Characteristics:

Model	Growatt 3300-S	Growatt 3000-S	Growatt 2000-S	Growatt 1000-S
Max.PV voltage	550Vdc		450 Vdc	
PV voltage range	70-550Vdc		70-450Vdc	
Nominal output voltage	230Vac			
Nominal output Frequency	50Hz			
Nominal output current	14.3A	13A	8.7A	4.3A
Nominal output power	3300W	3000W	2000W	4.3A
Power factor range	0.8Leading – 0.8 lagging			
Safety level	Class I			
Ingress Protection	IP 65			
Operation Ambient Temperature	-25°C - +60°C			

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