

Certificate of Conformity

Certificate Number: 171114063GZU-004

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. This Certificate is part of the full test report<s> and should be read in conjunction with it

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 Annex to Certificate of Conformity
Models:	Growatt 3000 TL3-S, Growatt 4000 TL3-S Growatt 5000 TL3-S, Growatt 6000 TL3-S
Relevant Standards	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:	Same as Intertek Legal Entity
Date of Tests:	07 May 2018 – 28 Jun 2018
Test Report Number(s):	171114063GZU-004
Additional information in Appendix.	

Signature



Name: Grady Ye

Position: Manager

Issuing Office: Intertek Legal Entity: Intertek
Testing Services Shenzhen Ltd.
Guangzhou Branch

Date: 05 Jul 2018



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APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with Certificate/Report Number(s): 171114063GZU-004. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

MODEL	Growatt 3000 TL3-S	Growatt 4000 TL3-S	Growatt 5000 TL3-S	Growatt 6000 TL3-S
Max PV voltage	1000Vdc			
Voltage range	140-1000Vdc			
MPPT voltage	160-800	200-800	250-800	290-800
PV Isc	16A/16A			
Max power	3.0KVA	4.0KVA	5.0KVA	6.0KVA
Max output current	3*4.5A	3*6.1A	3*7.6A	3*9.1A
Output voltage	3W/N/PE 230Vac/400Vac			
Nominal Frequency	50Hz			
Power Factor	0.8 Leading to 0.8 Lagging			
Ambient Temperature	-25°C - +60°C			
Protection Degree	IP65			
Protection Class	Class I			
Software Version	dhaa0101			

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