

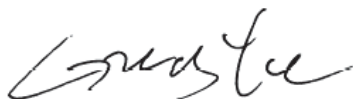
# Certificate of Conformity

Certificate Number: 180718059GZU-001

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 Test Certificate of Conformity
Models:	Growatt 3000 TL3-S, Growatt 4000 TL3-S Growatt 5000 TL3-S, Growatt 6000 TL3-S Growatt 7000 TL3-S, Growatt 8000 TL3-S Growatt 9000 TL3-S, Growatt 10000 TL3-S Growatt 11000 TL3-S
Relevant Standards	IEC 61727 2nd ed.:2004, Photovoltaic (PV) systems – Characteristics of the Utility interface IEC 62116 2nd ed.:2014, Test procedure of islanding prevention measures for Utility-interconnected photovoltaic inverter
Certificate Issuing Office:	Same as Intertek Legal Entity
Date of Tests:	18 Jul., 2017 – 16 Aug., 2018
Test Report Number(s):	180718059GZU-001, 180718059GZU-002

Additional information in Appendix.



**Signature**

**Name:** Grady Ye  
**Position:** Manager  
**Issuing Office:** Intertek Legal Entity: Intertek  
Testing Services Shenzhen Ltd.  
Guangzhou Branch  
**Date:** 07 Aug 2018



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## APPENDIX: Certificate of Conformity

This is an Annex to Certificate of Conformity with Certificate/Report Number(s): 180718059GZU-001; The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

MODEL	Growatt 8000 TL3-S	Growatt 9000 TL3-S	Growatt 10000 TL3-S	Growatt 11000 TL3-S	Growatt 7000 TL3-S
Max PV voltage	1000Vdc				
Voltage range	160-1000Vdc				
MPPT voltage	360-850	400-850	450-850		320-850
PV Isc	16A/16A				
Max power	8.8KVA	9.9KVA	11.0KVA	12.1KVA	7.7KVA
Max output current	3*13.3A	3*15A	3*16.7A	3*18.3A	3*11.7A
Output voltage	3W/N/PE 230Vac/400Vac				
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				
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	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	dhaa0101				

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