

# Test Verification of Conformity

Verification Number: 171114063GZU-001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>. This verification replaces previous verification dated: 26-Oct-2017: 161118016GZU-001, 161118016GZU-002, 161118016GZU-001 Revision 1: 26 Oct., 2017 and 161118016GZU-002 Revision 1: 26 Oct.,2017.

Once compliance with all product relevant **CE** mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of

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, She P.R.China
Product Description:	PV Grid inverter
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	Growatt 3000 TL3-S, Growatt 4000 TL3-S Growatt 5000 TL3-S, Growatt 6000 TL3-S, Growatt 7000 TL3-S, Growatt 8000 TL3-S
Brand Name(s):	Growatt 9000 TL3-S, Growatt 10000 TL3-S, Growatt 11000 TL3-S
Standard(s)/Directive(s):	See Appendix: Test Verification of Conformity
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzi Science City, GETDD, Guangzhou, China
Test Report Number(s):	161118016GZU-001 & Revision 1: 05 Jun., 2018 161118016GZU-002 & Revision 1: 05 Jun., 2018

Additional information in Appendix

  
Signature

  
Name: Grady Ye  
Position: Manager  
Date: 12 Jun 2018

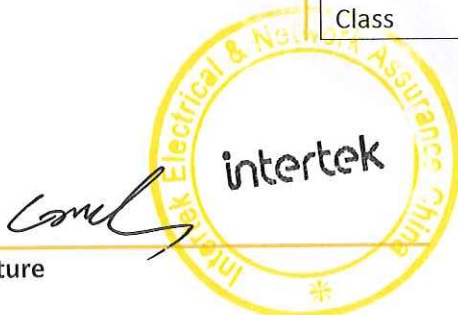
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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 171114063GZU-001

Ratings & Principle 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	50Hz				
Power Factor	0.8 Leading to 0.8 Lagging				
Ambient Temperature	-25°C - +60°C				
Protection Degree	IP65				
Protection Class	Class I				



Signature

Name: Grady Ye  
Position: Manager  
Date: 12 Jun 2018

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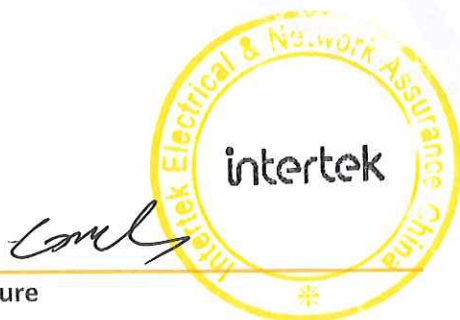
This is an Appendix to Test Verification of Conformity Number: 171114063GZU-001

Ratings & Principle 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			

Standard(s)/Directive(s):

IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements  
IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters  
Low Voltage Directive 2014/35/EU



Signature

Name: Grady Ye  
Position: Manager  
Date: 12 Jun 2018

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