

# Test Verification of Conformity

Verification Number: 180314112GZU-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 verification 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 Verification of Conformity
Models:	Growatt 17000TL3-S, Growatt 17000TL3-SE, Growatt 20000TL3-S, Growatt 20000TL3-SE, Growatt 25000TL3-S, Growatt 25000TL3-SE
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 measurement of efficiency
Verification Issuing Office:	Same as Intertek Legal Entity
Date of Tests:	07 May 2018 – 25 May 2018
Test Report Number(s):	180314112GZU-001

Additional information in Appendix:

Signature

  
  
**Name:** Grady Ye  
**Position:** Manager  
**Issuing Office:** Intertek Legal Entity: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch  
**Date:** 30 May 2018

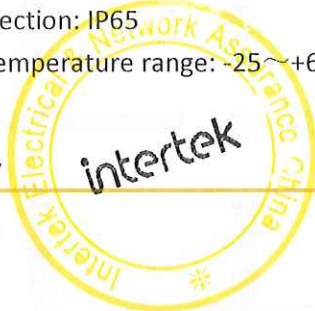
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## APPENDIX: Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s): 180314112GZU-001. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

Maximum d.c. input voltage: 1000 Vdc  
Input voltage range: 200-1000 Vdc  
MPPT voltage range (full Load): 400-800 V  
Max. input current: 2×37.5A  
PV Isc: 2×45  
Nominal output voltage: 3/N/PE230V/400Vac  
Max. output current: 3×27.5 A (for Growatt 17000TL3-S, Growatt 17000TL3-SE); 3×32.2 A (for Growatt 20000TL3-S, Growatt 20000TL3-SE); 3×40.3 A (for Growatt 25000TL3-S, Growatt 25000TL3-SE);  
Nominal frequency: 50 Hz  
Max. output power: 18800VA (for Growatt 17000TL3-S, Growatt 17000TL3-SE); 22200VA (for Growatt 20000TL3-S, Growatt 20000TL3-SE); 27700VA (for Growatt 25000TL3-S, Growatt 25000TL3-SE);  
Ingress protection: IP65  
Operating temperature range: -25~+60°C



Signature

**Name:** Grady Ye  
**Position:** Manager  
**Issuing Office:** Intertek Legal Entity: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch  
**Date:** 30 May 2018