

Test Verification of Conformity

Verification Number: 180108053GZU-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: MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 80KTL3 LV
MAX 60KTL3 MV, MAX 70KTL3 MV, MAX 80KTL3 MV

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 o temperature
IEC 60068-2-30:2005, Environmental testing – Part 2-30: Tests- Test Db: Damp hi cyclic(12h +12h cycle)
IEC 61683: 1999, Photovoltaic systems – Power conditioners – Procedure for me efficiency

Verification Issuing Office: Same as Intertek Legal Entity

Date of Tests: 07 May 2018 – 25 May 2018

Test Report Number(s): 180108053GZU-001

Additional information in Appendix.



Signature

Name: Grady Ye
Position: Manager
Issuing Office: Intertek Legal Entity: Intertek
Testing Services Shenzhen Ltd.
Guangzhou Branch
Date: 28 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): 180108053GZU-001. The issuing office is Intertek Legal Entity as above.

Ratings and principal characteristics

Maximum d.c. input voltage: 1100 Vdc
Input voltage range: 200-1000 Vdc
MPPT voltage range (full Load): 500-850 V (for MAX 50KTL3 LV); 520-850 V(for MAX 60KTL3 LV, MAX 60KTL3 MV); 600-850 V(for MAX 70KTL3 LV, MAX 70KTL3 MV); 685-850 V(for MAX 80KTL3 LV, MAX 80KTL3 MV);
Max. input current: 6×25A
Nominal output voltage: 3/N/PE230V/400Vac (for MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 80KTL3 LV); 3/PE 480Vac (for MAX 60KTL3 MV, MAX 70KTL3 MV, MAX 80KTL3 MV);
Max. output current: 3×81 A (for MAX 50KTL3 LV); 3×97A (for MAX 60KTL3 LV); 3×113 A (for MAX 70KTL3 LV); 3×129A (for MAX 80KTL3 LV); 3×81 A (for MAX 60KTL3 MV); 3×94 A (for MAX 70KTL3 MV); 3×107A (for MAX 80KTL3 MV)
Nominal frequency: 50 Hz
Max. output power: 55500VA (for MAX 50KTL3 LV); 66600VA (for MAX 60KTL3 LV, MAX 60KTL3 MV); 77700VA (for MAX 70KTL3 LV, MAX 70KTL3 MV); 88800VA(for MAX 80KTL3 LV, MAX 80KTL3 MV);
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: 28 May 2018

