

Test Verification of Conformity

In the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out.

Applicant Name & Address:

Shenzhen SOFARSOLAR Co., Ltd.

5/F, Building 4, Antongda Industrial Park, No.1 Liuxian
Avenue, Xin' an Street, Bao'an District, Shenzhen City,
Guangdong Province, P.R.China**Product Description:**

Solar inverter

**Ratings & Principle
Characteristics:**

See Annex to Test Verification of Conformity.

Models:SOFAR 4.4KTL-X, SOFAR 5.5KTL-X, SOFAR 6.6KTL-X, SOFAR 8.8KTL-
X, SOFAR 11KTL-X, SOFAR 12KTL-X**Brand Name:****Relevant Standards**

See Annex to Test Verification of Conformity

Verification Issuing Office:Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Block E, No.7-2 Guang Dong Software Science Park, Caipin Road,
Guangzhou Science City, GETDD, Guangzhou, China**Date of Tests:**

11 April 2017 – 18 April 2017

Test Report Number(s):

170418010GZU-001

This verification is part of the full test report(s) and should be read in conjunction with them.

Signature

Name: Tommy Zhong

Position: Assistant Technical Manager

Date: 19 April 2017



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Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):
170418010GZU-001. the issuing office is Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
(Address: Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD,
Guangzhou, China).

Ratings & Principle Characteristics:

Maximum d.c. input voltage: 1000 Vdc
Input voltage range: 160-960 Vdc
MPPT voltage range (full Load): 190-850 V (for SOFAR 4.4KTL-X); 240-850 V (for SOFAR 5.5KTL-X); 290-850 V (for SOFAR 6.6KTL-X); 380-850 V (for SOFAR 8.8KTL-X); 480-850 V (for SOFAR 11KTL-X); 575-850 V (for SOFAR 12KTL-X);
Max. input current: 2×11 A
Nominal output voltage: 3/N/PE230V/400Vac
Max. output current: 3×6.4 A (for SOFAR 4.4KTL-X); 3×8.0 A (for SOFAR 5.5KTL-X); 3×9.6 A (for SOFAR 6.6KTL-X); 3×12.8A (for SOFAR 8.8KTL-X); 3×15.9 A (for SOFAR 11KTL-X); 3×19.1 A (for SOFAR 12KTL-X);
Nominal frequency: 50 Hz
Max. output power: 4400VA (for SOFAR 4.4KTL-X); 5500VA (for SOFAR 5.5KTL-X); 6600VA (for SOFAR 6.6KTL-X); 8800VA (for SOFAR 8.8KTL-X); 11000VA (for SOFAR 11KTL-X); 13200VA (for SOFAR 12KTL-X)
Ingress protection: IP65
Operating temperature range: -25~+60°C

Signature

Name: Tommy Zhong
Position: Assistant Technical Manager
Date: 19 April 2017



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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


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