

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	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 inverters
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:	07 July., 2017– 10 July., 2017
Test Report Number(s):	170707054GZU-001, 170707054GZU-002

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

Signature

Name: Grady Ye
Position: Assistant Manager
Date: 11 July 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):
170707054GZU-001, 170707054GZU-002. 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)
Power Factor: 0.8 Leading – 0.8 Lagging
Ingress protection: IP65
Operating temperature range: -25~+60°C

Signature

Name: Grady Ye
Position: Assistant Manager
Date: 11 July 2017



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