Intertek Legal Entity: Intertek Testing Service Shenzhen Ltd. Guangzhou Branch

Block E, No.7-2 Guang Dong Software Science Park, Caipin Road, Guangzhou Science City, GETDD, Guangzhou, China

Tel: (86) 20 82139688 Fax: (86) 20 32057538

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:	SOFAR SOLAR
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.

Intertek Electrical & Wireless China

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℃**

Signature

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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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Signature

Name: Tommy Zhong
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