

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

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 Appendix to Test Verification of Conformity
Models:	SOFAR 3.3KTL-X, SOFAR 4.4KTL-X, SOFAR 5.5KTL-X, SOFAR 6.6KTL-X, SOFAR 8.8KTL-X, SOFAR 11KTL-X, SOFAR 12KTL-X
Relevant Standards	EN 50438: 2013 Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks Type test for Poland and Turkey compliance
Verification Issuing Office:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Building C, 2nd Industrial Zone of Xia Shi Jia, Jiangshi Community, Gongming Sub-district, Guangming New District, Shenzhen, Guangdong, China
Date of Tests:	18 April., 2017 – 25 May., 2017
Test Report Number(s):	170418016GZU-002 issued on 26 May 2017, Revision 1: 22 Mar., 2018

Additional information in Appendix.

Signature



Name: Grady Ye

Position: Assistant Manager

Issuing Office: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Date: 22 Mar., 2018

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APPENDIX: Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):
170418016GZU-002 issued on 26 May 2017, Revision 1: 22 Mar., 2018

**Ratings & Principle
Characteristics:**

DC input:

Max. PV Voltage: 1000 Vdc

DC MPPT Voltage Range: 160-960 Vdc

Max. input current: 2×11 A

AC output:

Nominal output voltage: 3W/N/PE 230Vac/400Vac

Nominal frequency: 50 Hz

Max. output current: 3×4.8 A (for SOFAR 3.3KTL-X); 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 output power: 3000W (for SOFAR 3.3KTL-X); 4000W (for SOFAR 4.4KTL-X);
5000W (for SOFAR 5.5KTL-X); 6000W (for SOFAR 6.6KTL-X); 8000W (for SOFAR 8.8KTL-
X); 10000W (for SOFAR 11KTL-X); 12000W (for SOFAR 12KTL-X)

Max. Apparent Power: 3300VA (for SOFAR 3.3KTL-X); 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: 0.9 Leading – 0.9 Lagging

Ambient Temperature: -25°C - +60°C

Ingress protection: IP65



Signature

Name: Grady Ye

Position: Assistant Manager

Issuing Office: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Date: 22 Mar., 2018

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Potwierdzenie Zgodności

Na podstawie przeprowadzonych testów, na próbkach niniejszego produktu, twierdzono, że w momencie wykonywanych testów, produkt był zgodny z wymienionymi wymaganiami. Niniejsze potwierdzenie jest częścią całkowitego raportu przeprowadzonego testu i należy je omawiać wspólnie.

Wnioskodawca, adres:

Opis produktu:

Wskaźnik 8. Zasada Cechy:

Modele:

Omawiane standardy:

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 Inwerter solarny

Patrz załącznik do Potwierdzenia Zgodności

SOFAR 3.3KTL-X, SOFAR 4.4KTL-X, SOFAR 5.5KTL-X, SOFAR 6.6KTL-X, SOFAR 8.8KTL-X, SOFAR 11KTL-X, SOFAR 12KTL-X

EN 50438: 2013 Wymagania dla mikrofarm połączonych równoległe z publiczną niskonapięciową siecią dystrybucyjną

Organ weryfikujący:

Data testów:

Nr. raportu testów:

Test zgodności dla Polski i Turcji

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Building C, 2nd Industrial Zone of Xia Shi Jia, Jiangshi Community, Gongming
Sub-district, Guangming New District, Shenzhen, Guangdong, China

18 kwiecień 2017 — 25 maj 2017

170418016GZU-002 wydany 26 maj 2017, Korekta 1: 22 marzec 2018

Informacje dodatkowe znajdują się w załączniku.

Podpis

Imię: Grady Ye

Stanowisko: Asystent Menadżera

Biuro wydające: Intertek Testing Services Shenzhen Ltd. Guangzhou

Data wydania: 22 Marzec 2018

ZAŁĄCZNIK: Potwierdzenie Zgodności

Aneks do Potwierdzenia Zgodności z nr. raportu/weryfikacyjnym: 170418016GZU-002 wydany 26 maj 2017, Korekta 1: 22 marzec 2018
Wskaźnik 8. Zasada Cechy:

Podpis

DC wejściowy:

Maks. napięcie PV : 1000 Vdc

Zakres napięcia DC MPPT V: 160-960 Vdc Maks. prąd wejściowy: 2x11A

AC wyjściowy:

Nominalne napięcie wyjściowe: 3W/N/PE 230Vac/400Vac Częstotliwość nominalna: 50 Hz

Maks. prąd wyjściowy: 3x4.8 A (dla SOFAR 3.3KTL-X); 3x6.4 A (dla SOFAR 4.4KTL-X);

3x8.0 A (dla SOFAR 5.5KTL-X); 3x9.6 A (dla SOFAR 6.6KTL-X); 3x12.8A (dla SOFAR

8.8KTL-X); 3x15.9 A (dla SOFAR 11KTL-X); 3x19.1 A (dla SOFAR 12KTL-X);

Nominalna moc wyjściowa: 3000W (dla SOFAR 3.3KTL-X); 4000W (dla SOFAR 4.4KTL-X); 5000W (dla SOFAR 5.5KTL-X); 6000W (dla SOFAR 6.6KTL-X); 8000W (dla SOFAR 8.8KTL- X); 10000W (dla SOFAR 11KTL-X); 12000W (dla SOFAR 12KTL-X)

Maks. moc pozorna: 3300VA (dla SOFAR 3.3KTL-X); 4400VA (dla SOFAR 4.4KTL-X);

5500VA (dla SOFAR 5.5KTL-X); 6600VA (dla SOFAR 6.6KTL-X); 8800VA (dla SOFAR

8.8KTL-X); 11000VA (dla SOFAR 11KTL-X); 13200VA (dla SOFAR 12KTL-X)

Współczynnik mocy: 0.9 Prowadzenie — 0.9 Opóźnienie

Temperatura otoczenia: -25 € - +60 C

Stopień ochrony: IP65

Imię: Grady Ye

Stanowisko: Asystent Menadżera

Biuro wydające: Intertek Testing Services Shenzhen Ltd. Guangzhou

Data wydania: 22 marzec 2018