



Report No.: 130918055GZU-001  
Amendment 1: 08 Nov., 2016

**TEST REPORT**

Applicant Name & Address : Shenzhen SOFARSOLAR Co., Ltd.  
5L,Fourth Building,Antongda Industrial Park,Liuxian Avenue  
No.1,Xinan Street,Baoan District,Shenzhen,China.

Manufacturing Site : Same as Applicant.

Sample Description  
Product : Solar inverter  
Model No. : Sofar 20000TL-Sx Series, Sofar 17000TL-Sx Series, Sofar 15000TL-Sx Series,  
Sofar 10000TL-Sx Series (x=0-6)

Electrical Rating : See page 3

Test standards : EN 61000-6-3: 2007+A1: 2011  
EN 61000-6-1: 2007

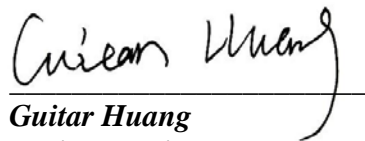
Test Result : Pass

Conclusion : The submitted samples complied with the above EMC standards.


Remark : When determine the test result, measurement uncertainty has been considered.  
Effective date: 25 March 2016

\*\*\*\*\*End of Page\*\*\*\*\*

**Prepared and Checked By:**

  
**Guitar Huang**  
**Project Engineer**  
**Intertek Guangzhou**

**Approved By:**

 *Signature*  
**Helen Ma**  
**Team Leader**  
**Intertek Guangzhou**  
08 Nov., 2016 *Date*

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program. The test report only allows to be revised within three years from its original issued date unless further standard or the requirement was noticed.

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  
 Tel / Fax: 86-20-8213 9688/86-20-3205 7538  
 © 2016 Intertek

**TEST REPORT**  
**(with Justification)**

**Test result:**

It is found that the Solar inverter, model Sofar 20000TL-Sx Series, Sofar 17000TL-Sx Series, Sofar 15000TL-Sx Series, Sofar 10000TL-Sx Series (x=0-6) met the requirements of EMC Directive 2014/30/EU and EN 61000-6-3, EN 61000-6-1 standards.

**Report revision reason:**

This report is the revision of the previous test report 130918055GZU-001 dated 24 January 2014 and shall be used together with it.

This report was issued because of the following changes:

1. The EMC Directive has been undated: the EMC Directive has been updated from 2004/108/EC to 2014/30/EU.
2. Change the address of applicant to “5L,Fourth Building,Antongda Industrial Park,Liuxian Avenue No.1,Xinan Street,Baoan District,Shenzhen,China ”
3. Change the model name to “Sofar 20000TL-Sx Series, Sofar 17000TL-Sx Series , Sofar 15000TL-Sx Series , Sofar 10000TL-Sx Series (x=0-6) ”
4. Change the name of factory to “Shenzhen SOFARSOLAR Co., Ltd.”
5. Change the address of factory to “5L,Fourth Building,Antongda Industrial Park,Liuxian Avenue No.1,Xinan Street,Baoan District,Shenzhen,China.”
6. Updated the marking correspond to model.

Based on engineering judgement, no additional tests are needed.



Report No.: 130918055GZU-001  
Amendment 1: 08 Nov., 2016

Electrical Rating:

Maximum d.c. input voltage: 1000 V

Input voltage rang: 250-960 V

Max. input current: 2×24 A (for Sofar 20000TL-Sx Series); 2×21 A (for Sofar 17000TL-Sx Series), Sofar 15000TL-Sx Series)); 2×15 A (for Sofar 10000TL-Sx Series))

Max. PV Isc: 2×30 A (for Sofar 20000TL-Sx Series)); 2×27 A (for Sofar 17000TL-Sx Series), Sofar 15000TL-Sx Series)); 2×20 A (for Sofar 10000TL-Sx)

Nominal output voltage: 3/N/PE230V/400V

Max. output current: 3×29 A (for Sofar 20000TL-Sx Series)); 3×25 A (for Sofar 17000TL-Sx Series)); 3×22 A (for Sofar 15000TL-Sx Series)); 3×15 A (for Sofar 10000TL-Sx Series))

Nominal frequency: 50 Hz

Max. output power: 20000 VA (for Sofar 20000TL-Sx Series)); 17000 VA (for Sofar 17000TL-Sx Series)); 15000 VA (for Sofar 15000TL-Sx Series)); 10000 VA (for Sofar 10000TL-Sx Series))

Ingress protection: IP65

Operating temperature range: -25~60°C

\*\*\*\*\*End of report\*\*\*\*\*