



Report No.: 130918055GZU-002  
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 61000-6-2: 2005  
EN 61000-6-4: 2007+A1: 2011

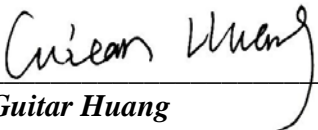
Test Result : Pass

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:**

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

**Approved By:**

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

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## **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 61000-6-4, EN 61000-6-2 standards.

### **Report revision reason:**

This report is the revision of the previous test report 130918055GZU-002 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.



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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\*\*\*\*\*