


# Test Verification of Conformity

Verification Number: 230726009GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> 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 it <them>.

Applicant Name & Address:	Huawei Digital Power Technologies Co., Ltd. Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C.
Product Description:	SOLAR INVERTER
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	SUN2000-8K-LC0, SUN2000-10K-LC0
Brand Names:	 HUAWEI
Specification<s>/Standards:	IEEE 1547: 2003, IEEE 1547a:2014 & IEEE 1547.1: 2005+ A1: 2015 IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch. Room 02, & 101/E201/E301/E401/E501/E601/E701/E801 of Room 01 1-8/F., No. 7-2. Caipin Road, Science City, GETDD, Guangzhou, Guangdong, China
Date of Tests:	27 July., 2023 – 11 Sep., 2023
Test Report Number(s):	230726009GZU-001

Additional information in Appendix.

*Gaison Li*

**Signature**

**Name: Gaison Li**

**Position: Reviewer**

**Date: 15 Sep 2023**

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## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230726009GZU-VOC001.

Manufacture Name & Address: Same as applicant.

Rating:

Model	SUN2000-8K-LC0	SUN2000-10K-LC0
Max. Input voltage	600V	
MPPT voltage range	40-560V	
Max. MPPT input current	16A*3	
PV Isc	20A*3	
Rated output power	8000W	10000W
Rated Output apparent power	8000VA	10000VA
Nominal output voltage	W/N/PE 220/230/240Vac	
Rated. output current	36.4A/220Vac	45.5A/220Vac
	34.8A/230Vac	43.5A/230Vac
	33.3A/240Vac	41.7A/240Vac
Max. output current	40A	45.5A
Nominal output frequency	60 Hz	
Battery max. voltage	600Vdc	
Battery voltage range	350-600Vdc	
Battery maximum current	25A dc	
Battery type	Li-ion	
Power factor range	0.8Leading ~ 0.8Lagging	
Safety level	Class I	
Ingress protection	IP66	
Operation ambient temperature	-25°C - +60°C	
Software version	V100R023	

*Gaison Li*

**Signature**

**Name: Gaison Li**

**Position: Reviewer**

**Date: 15 Sep 2023**

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