Test Verification of Conformity

Verification Number: 221017061GZU-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 Technologies Co., Ltd. Huawei Base, Bantian Longgang District Shenzhen, P.R. China
Product Description:	SOLAR INVERTER
Ratings & Principle Characteristics:	See Appendix to Test Verification of Conformity
Models/Type References:	SUN2000-100KTL-M1, SUN2000-100KTL-M2, SUN2000-115KTL-M2
Brand Names:	HUAWEI
Specification<s>/Standards:	IEEE 1547: 2003 IEEE Standard for Interconnecting Distributed Resources with Electric Power Systems IEEE 1547.1: 2005+ A1: 2015 IEEE Standard Conformance Test Procedures for Equipment 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:	20 Oct. 2022 – 31 Oct. 2022
Test Report Number(s):	200723032GZU-001, Revision 1: 09 Nov. 2022

Additional information in Appendix.

Tommy

Signature

Name: Tommy Zhong
Position: Technical Manager
Date: 09 Nov. 2022

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 221017061GZU-VOC001

Ratings & Principle Characteristics:	d.c. Max. Input Voltage: 1100Vd.c. d.c. Max. Input Current: 10×26A (for SUN2000-100KTL-M1) 10×30A (for SUN2000-100KTL-M2, SUN2000-115KTL-M2) Isc: 10×40A d.c. MPPT Range: 200-1000Vd.c. a.c. Output Nominal Voltage: 400Va.c., 3(N)~+PE 480Va.c., 3~+PE a.c. Nominal Operating Frequency: 60Hz a.c. Output Rated Power: 100kW (for SUN2000-100KTL-M1, SUN2000-100KTL-M2) 115kW (for SUN2000-115KTL-M2) a.c. Output Max. Apparent Power: 110kVA (for SUN2000-100KTL-M1, SUN2000-100KTL-M2) 125kVA (for SUN2000-115KTL-M2) a.c. Output Max. Current: 160.4A (400Va.c.), 133.7A (480Va.c.) (for SUN2000-100KTL-M1, SUN2000-100KTL-M2) 182.3A (400Va.c.), 151.9A (480Va.c.) (for SUN2000-115KTL-M2) Power Factor: 0.8 (lagging) – 0.8 (leading) Operating Temperature Range: -25~+60°C Storage Temperature Range: -40˚C to 70˚C Inverter Topology: Non-Isolation Enclosure: IP66 Protection Class: I The accuracy of the voltage is ±1%Un, The accuracy of the frequency is ±0.01Hz, The accuracy of the time is ±1%, but not less than ±50ms.

Signature

Name: Tommy Zhong
Position: Technical Manager
Date: 09 Nov. 2022