


Test Verification of Conformity

Verification Number: 240304026GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to 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 Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, Guangdong, 518129, China |
| Product Description: | SOLAR INVERTER |
| Ratings & Principle Characteristics: | See Appendix: Test Verification of Conformity |
| Models/Type References: | SUN2000-150K-MG0, SUN5000-150K-MG0 |
| 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 Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China |
| Date of Tests: | 4 March 2024 – 11 September 2024 |
| Test Report Number(s): | 240304026GZU-001 |
| Additional information in Appendix. | |

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

Date: 19 September 2024

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240304026GZU-VOC001.

Ratings & Principle
Characteristics:

| Model | SUN2000-150K-MG0 | SUN5000-150K-MG0 |
|-------------------------------|--------------------------------|------------------|
| Max.PV voltage | 1100Vdc | |
| MPPT voltage range | 200V – 1000Vdc | |
| Max.input current | 48A*7 | |
| PV Isc | 66A*7 | |
| Nominal output voltage | 3/N/PE, 400Vac 3/PE 480Vac | |
| Nominal output Frequency | 60Hz | |
| Max. output current | 240.5A/400Vac 200.5A/480Vac | |
| Rated output power | 150kW | |
| Max. apparent power | 165kVA | |
| Power factor range | 0.8leading – 0.8 lagging | |
| Safety level | Class I | |
| Ingress Protection | IP 66 | |
| Operation Ambient Temperature | -25°C - +60°C | |
| Software version | SUN2000MG V600R023C10 | |

Jason Fu

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