


# Test Verification of Conformity

Verification Number: 230402779SHA-V1

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it <them>.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	ASTRO-ENERGY TECHNOLOGY CO., LTD ROOM 3-40, CAIHONG NORTH ROAD NO. 58, YINZHOU DISTRICT, NINGBO CITY, ZHEJIANG, P.R. CHINA
Product Description:	Grid-connected Microinverter
Ratings & Principle Characteristics:	Input: 20-60VDC, 2*13.5A Max Output: 230VAC, 50Hz, 800W Max
Models/Type References:	TM-L8M
Brand Name(s):	-
Verification Issuing OfficeName& Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Caohejing Development Zone, Shanghai 200233, China
Date of Test:	July 3, 2023 ~ July 25, 2023

Additional information in Appendix.



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## Signature

**Name:** Wakeyou Wang  
**Position:** Team Leader  
**Date:** August 9, 2023

## APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 230402779SHA-V1

<b>Frequency Band:</b>	2400-2483.5MHz
<b>Output Power:</b>	≤ 20dBm
<b>Antenna:</b>	External Rod antenna, 3dBi peak Gain
<b>Network Interface:</b>	WiFi2.4GHz, 802.11b/g/n(HT20)
<b>Duty Cycle:</b>	≤ 100%
<b>Applied Directive:</b>	Radio Equipment Directive (2014/53/EU)

### Applied Standards& Test Report Number(s):

Article of RED	Standard	Test Report No.
Article 3.1 a): Safety	EN 62109-1:2010 EN 62109-2:2011	230402780SHA-001
Article 3.1 a): Health	EN IEC 62311: 2020 EN 62311:2008	230402779SHA-004
Article 3.1 b): EMC	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4 EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2021	230402779SHA-002 230402779SHA-003
Article 3.2: Radio Spectrum	EN 300 328 V2.2.2	230402779SHA-001



### Signature

**Name: Wakeyou Wang**  
**Position: Team Leader**  
**Date: August 9, 2023**

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