



Ref. Certif. No.

DK-98648-M1-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

| | |
|---|---|
| Product | AC-DC Converter |
| Name and address of the applicant | MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO.,LTD. NO.8, NANYUN ROAD 4, HUANGPU DISTRICT, GUANGZHOU GUANGDONG 510670, CHINA |
| Name and address of the manufacturer | MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO.,LTD. NO.8, NANYUN ROAD 4, HUANGPU DISTRICT, GUANGZHOU GUANGDONG 510670, CHINA |
| Name and address of the factory | MORNSUN(Huaihua)Science &Technology Co.,Ltd. No.16,Jianshe Avenue,High-tech Industrial Development District, Huaihua, Hunan,China. <input type="checkbox"/> Additional Information on page 2 |
| Note: When more than one factory, please report on page 2 | |
| Ratings and principal characteristics | Input: 100-277V~, 0.3A, 50-60Hz Output: See test report for details. |
| Trademark / Brand (if any) | |
| Customer's Testing Facility (CTF) Stage used | |
| Model / Type Ref. | LS10-13BxxR3, (which "xx" represent the output voltage in volt, 03=3.3Vdc, 05=5.0Vdc, 09=9.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc) |
| Additional information (if necessary may also be reported on page 2) | Additionally evaluated to: EN 62368-1:2014, EN 62368-1:2014/A11:2017 The report was revised to include technical modifications. National Differences: EU Group Differences, AU, CA, NZ, US <input checked="" type="checkbox"/> Additional Information on page 2 |
| A sample of the product was tested and found to be in conformity with | IEC 62368-1:2014 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | S01A23050969S060 issued on 2023-06-20 |

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2023-07-03
Original Issue Date: 2020-06-17

Signature: Thomas Wilson



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Summary of Modifications:

- Update "List of critical components".
 - Update America, Canada, European, Australia group differences and national differences.
 - Update "Summary of compliance with National Differences".
 - Update name and address of applicant and manufacturer.
- See test report for details.

Additional information (if necessary)



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