



Ref. Certif. No.

DK-119692-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: 100-240V~ 1.6A, 50/60Hz Output: See test report for details.
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LO75-20B12E, LO75-20B03E-XXX, LO75-20B15E-XXX, LO75-20B15E, LO75-20B09E <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to: EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020 National Differences specified in the CB Test Report. The report was revised to include technical modifications. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	S01A22110913S002 issued on 2023-03-06

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: 2023-03-10
Original Issue Date: 2021-10-20

Signature: Jan-Erik Storgaard



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Additional Model Detail(s): LO75-20B03E, LO75-20B03E-XXX, LO75-20B05E, LO75-20B05E-XXX, LO75-20B09E, LO75-20B09E-XXX, LO75-20B12E, LO75-20B12E-XXX, LO75-20B15E, LO75-20B15E-XXX, LO75-20B24E, LO75-20B24E-XXX, LO75-20B27E, LO75-20B27E-XXX, LO75-20B48E, LO75-20B48E-XXX (XXX stands for 1~3 digits, X=A~Z any letter or 0~9 any number, presenting customer code)

Summary of Modifications:

1. add a new PCB layout(PCB2) for all models.;
 2. For models with new PCB layout, add the heat-shrinkable tube for L3.;
 3. For Varistors(MOV1), add sources in table 4.1.2;
 4. For Plastic of input and output connector (CON1, CON2), add manufacturer and type in table 4.1.2;
 5. Add photos of PCB2;
 6. update national difference;
 7. Update label;
 8. Update the "Classification of use by" in page 6.;
 9. Update table "OVERVIEW OF ENERGY SOURCES AND SAFEGUARDS" in page 10-11.;
- see test report for detail

Additional information (if necessary)



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

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Jan-Erik Storgaard