

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, P.R.China.

## Name and address of the manufacturer

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO LTD  
No.8, Nanyun Road 4, Huangpu District, Guangzhou,  
Guangdong, 510670, P.R.China.

## Name and address of the factory

Shenzhen HHY Electronic Technology Co., Ltd.  
5F, Building B20, Hengfeng Industrial Park, Xixiang town, Bao'an  
district, Shenzhen,  
China.

Note: When more than one factory, please report on page 2

 Additional Information on page 2

## Ratings and principal characteristics

For model LMF150-20B\*:  
Input: 100-240V~, 2.5A 50/60Hz  
Output: See test report for details.For model LMF150-23B\*:  
Input: 100-277V~, 2.5A 50/60Hz  
Output: See test report for details.

## Trademark / Brand (if any)

MORNSUN®

## Type of Customer's Testing Facility (CTF) Stage used

## Model / Type Ref.

LMF150-20B\*, LMF150-23B\*  
See Page 2

## Additional information (if necessary may also be reported on page 2)

Additionally evaluated to EN IEC 62368-1:2020/A11:2020  
National Difference specified in the CB Test Report 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

ES200224001S issued on 2020-11-24

This CB Test Certificate is issued by the National Certification Body



UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA

UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN

UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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

Date: 2020-11-30

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-106448-UL**

**Model Details:**

LMF150-20B\*, LMF150-23B\*

\* means the model suffix, can be XX, XX-C, XX-Q, XX-ZZZ, XX-C-ZZZ, XX-Q-ZZZ, YYY, YYY-C, YYY-Q, YYY-ZZZ, YYY-C-ZZZ, YYY-Q-ZZZ

XX = 12, 15, 24, 48, 2 digits number, means output voltage 12V, 15V, 24V, 48V.

YYY = 102-528, 3 digits number representing 10 time of output voltage in volt. Raise step by 0.1V, eg: 102=10.2Vdc, 528=52.8Vdc

ZZZ, Z= A-Z any letter or 0-9 any Arabic numerals, 1-3 digits, use to distinguish between Different sales purposes

**Factories:**

Mornsun (HuaiHua) Science & Technology Co., Ltd

No.16, Jianshe Avenue, High-tech Industrial Development District, Huaihua, Hunan, China.

**Additional information (if necessary)**



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