

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 LTD  
5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER, SCIENCE  
AVE, GUANGZHOU SCIENCE CITY, LUOGANG DISTRICT,  
GUANGZHOU, GUANGDONG 510000 CHINA

Name and address of the manufacturer

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD  
5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER, SCIENCE  
AVE, GUANGZHOU SCIENCE CITY, LUOGANG DISTRICT,  
GUANGZHOU, GUANGDONG 510000 CHINA

Name and address of the factory

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

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD  
5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER, SCIENCE  
AVE, GUANGZHOU SCIENCE CITY, LUOGANG DISTRICT,  
GUANGZHOU, GUANGDONG 510000  
CHINA Additional Information on page 2

Ratings and principal characteristics

For model LM150-20BXX:  
Input: 100-240Vac, 50/60Hz, 4A  
See test report for detail.

Trademark / Brand (if any)

**MORNSUN®**

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

Model / Type Ref.

LM150-20BYYY-C-xxx, LM150-20BYYY-Q-xxx, See Page 2

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

Additionally evaluated to EN 62368-1:2014/ A11:2017  
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 62368-1:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

20PNC020065 02001 issued on 2020-05-08

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](http://www.ul.com/ncbnames)

Date: 2020-05-12

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-96982-UL**

**Model Details:**

LM150-20BXX, LM150-22BXX, LM150-23BXX, LM150-20BXX-C, LM150-22BXX-C, LM150-23BXX-C, LM150-20BXX-Q, LM150-22BXX-Q, LM150-23BXX-Q, LM150-20BXX-xxx, LM150-22BXX-xxx, LM150-23BXX-xxx, LM150-20BYYY, LM150-22BYYY, LM150-23BYYY, LM150-20BYYY-C, LM150-22BYYY-C, LM150-23BYYY-C, LM150-20BYYY-Q, LM150-22BYYY-Q, LM150-23BYYY-Q, LM150-20BYYY-xxx, LM150-22BYYY-xxx, LM150-23BYYY-xxx, LM150-20BYYY-C-xxx, LM150-22BYYY-C-xxx, LM150-23BYYY-C-xxx, LM150-20BYYY-Q-xxx, LM150-22BYYY-Q-xxx, LM150-23BYYY-Q-xxx, LM150-20BXX-C-xxx, LM150-22BXX-C-xxx, LM150-23BXX-C-xxx, LM150-20BXX-Q-xxx, LM150-22BXX-Q-xxx, LM150-23BXX-Q-xxx

(XX=12 or 15 or 24 or 36 or 48, 2 digit number, represents the output voltage.

For example, "12"= 12Vdc, "48" = 48Vdc

xxx=AAA to ZZZ, 3 capital letter, represents differenct customer code for marketing purposes

YYY=102 to 480, 3 digit number, represents the output voltage from 10.2Vdc to 48.0Vdc in a step of 0.1V. For example, "102"= 10.2Vdc, "480" = 48.0Vdc.)

**Factories:**

MORNSUN (Huaihua) Science & Technology Co., Ltd.

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

Shenzhen HHY Electronic Technology Co., Ltd

5F, Building B20, Hengfeng Industrial Park, Xixiang town, Bao'an district, Shenzhen, China

**Additional information (if necessary)**



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