



Ref. Certif. No.

DK-96778-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
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 CO.,
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

MORNSUN (HUAIHUA) SCIENCE & TECHNOLOGY CO.LTD.
16, Jianshe Avenue,High-tech Industrial Development
District,Huaihua,Hunan,
China.

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

Additional Information on page 2

Ratings and principal characteristics

Input: 100-240V~, 50/60Hz, 0.8A for model LM35-20B05
Output: See Test Report for details.

Trademark / Brand (if any)



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

Model / Type Ref.

LM35-20BYYY-xxx, LM35-20BYYY, LM35-22B05-C,
LM35-22B05-Q, LM35-22B05-xxx, LM35-22B05, See Page 2

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

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

20PNC030097 02001 issued on 2020-04-21

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: 2020-05-07

Signature:

Jan-Erik Storgaard



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Model Details:

LM35-20B05; LM35-20B05-C; LM35-20B05-Q; LM35-20B05-xxx; LM35-20B05-C-xxx; LM35-20B05-Q-xxx
 LM35-22B05; LM35-22B05-C; LM35-22B05-Q; LM35-22B05-xxx; LM35-22B05-C-xxx; LM35-22B05-Q-xxx
 LM35-23B05; LM35-23B05-C; LM35-23B05-Q; LM35-23B05-xxx; LM35-23B05-C-xxx; LM35-23B05-Q-xxx
 LM35-20B12; LM35-20B12-C; LM35-20B12-Q; LM35-20B12-xxx; LM35-20B12-C-xxx; LM35-20B12-Q-xxx
 LM35-22B12; LM35-22B12-C; LM35-22B12-Q; LM35-22B12-xxx; LM35-22B12-C-xxx; LM35-22B12-Q-xxx
 LM35-23B12; LM35-23B12-C; LM35-23B12-Q; LM35-23B12-xxx; LM35-23B12-C-xxx; LM35-23B12-Q-xxx
 LM35-20B15; LM35-20B15-C; LM35-20B15-Q; LM35-20B15-xxx; LM35-20B15-C-xxx; LM35-20B15-Q-xxx
 LM35-22B15; LM35-22B15-C; LM35-22B15-Q; LM35-22B15-xxx; LM35-22B15-C-xxx; LM35-22B15-Q-xxx
 LM35-23B15; LM35-23B15-C; LM35-23B15-Q; LM35-23B15-xxx; LM35-23B15-C-xxx; LM35-23B15-Q-xxx
 LM35-20B24; LM35-20B24-C; LM35-20B24-Q; LM35-20B24-xxx; LM35-20B24-C-xxx; LM35-20B24-Q-xxx
 LM35-22B24; LM35-22B24-C; LM35-22B24-Q; LM35-22B24-xxx; LM35-22B24-C-xxx; LM35-22B24-Q-xxx
 LM35-23B24; LM35-23B24-C; LM35-23B24-Q; LM35-23B24-xxx; LM35-23B24-C-xxx; LM35-23B24-Q-xxx
 LM35-20BYYY; LM35-20BYYY-C; LM35-20BYYY-Q; LM35-20BYYY-xxx; LM35-20BYYY-C-xxx; LM35-20BYYY-Q-xxx
 LM35-22BYYY; LM35-22BYYY-C; LM35-22BYYY-Q; LM35-22BYYY-xxx; LM35-22BYYY-C-xxx; LM35-22BYYY-Q-xxx
 LM35-23BYYY; LM35-23BYYY-C; LM35-23BYYY-Q; LM35-23BYYY-xxx; LM35-23BYYY-C-xxx; LM35-23BYYY-Q-xxx
 (YYY=045-055; 056-138; 139-180; 181-288. 3 digits, represent output voltage form 4.5V to 5.0 or 5.6V to 13.8V or 13.9V to 18.0V or 18.1V to 28.8V in step of 0.1V. eg. 045=4.5V, 288=28.8V.
 xxx=A-Z, 3 digits, represent customer code form A-Z any letter.)

Additional Information:

Additionally evaluated to EN 62368-1:2014/A11:2017.
 National Differences specified in the CB Test Report.

Additional information (if necessary)



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