



Ref. Certif. No.

DK-135051-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, 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

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

For models LD03-23BxxR2*, LD03-23BxxR2*-XXX and LD03-23BxxWR2.
Input: 100-277Vac, 50-60Hz, 0.08A

[Additional Information on page 2](#)

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

LD03-23BxxR2*, LD03-23BxxWR2, LD03-23BxxR2*-XXX, LD05-23BxxR2*,

[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.

[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

E235235-4790604174-4 Original issued on 2022-11-22

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Denko), 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/nbcnames

Date: 2022-11-24

Signature:

Jan-Erik Storgaard



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Additional Model Detail(s):

LD03-23BxxR2*, LD03-23BxxWR2, LD03-23BxxR2*-XXX, LD05-23BxxR2*, LD05-23BxxWR2, LD05-23BxxR2*-XXX ("xx=03, 05, 09,12, 15, 24 ", "*= blank, A2S or A4S" and "XXX, each X=0-9, AZ, any letter".)

Additional Ratings:

For models LD05-23BxxR2*, LD05-23BxxR2*-XXX and LD05-23BxxWR2. Input: 100-277Vac, 50-60Hz, 0.13A
Output: See test report for detail

Additional information (if necessary)



- 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/hcbnames

Date: 2022-11-24

Signature:

Jan-Erik Storgaard