Ref. Certif. No.

DK-109324-M2-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 Note: *When more than one factory, please report on page 2*	Mornsun (HuaiHua) Science & Technology Co., Ltd No.16, Jianshe Avenue, High-tech Industrial Development District, Huaihua, Hunan, China. ☐ Additional Information on page 2
Ratings and principal characteristics	Input: 100-277V~, 0.75A, 50-60Hz Output: See test report for details.
Trademark / Brand (if any)	MORNSUN®
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LD30-23BxxWR2-XXX, LD30-23BxxWR2, LD30-23BxxR2*-XXX, LD30-23BxxR2, LD30-23BxxR2-XXX ☒ 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. ☒ 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	S01A22080499S002 issued on 2022-09-01

This CB Test Certificate is issued by the National Certification Body

UL Solutions

☐ 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: 2022-09-16
Original Issue Date: 2021-01-28

Signature: Jan-Erik Storgaard

Ref. Certif. No.

DK-109324-M2-UL

Additional Model Detail(s):
LD30-23BxxR2, LD30-23BxxR2*, LD30-23BxxWR2, LD30-23BxxWR2-XXX, LD30-23BxxR2-XXX, LD30-23BxxR2*-XXX, LD30-23B12R2-XBY (Variable * can be blank, A2S or A4S. If * is blank, it means standard module. If * is A2S, it means chassis mounting. If * is A4S, it means DIN-Rail mounting. Variable xx can be 03, 05, 09, 12, 15, 24 and 48, indicate output voltage, eg: 03=3.3Vdc, 48=48.0Vdc. Variable XXX can be 1-3 digits, A-Z or 0-9 any letter, use to distinguish between Different sales purposes, except XBY.)

Summary of Modifications:
1. Add new model LD30-23B12R2-XBY;
2. Add a new PCB layout for model LD30-23B12R2-XBY;
3. Add new label on page 5 for model LD30-23B12R2-XBY;
4. U.S.A. AND CANADA NATIONAL DIFFERENCES has been updated to the latest version

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/ncbnames

Date: 2022-09-16

Original Issue Date: 2021-01-28

Signature:

Jan-Erik Storgaard