



Ref. Certif. No.

**DK-135042-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 NO.16,Jianshe Avenue,High-tech Industrial Development District,Huaihua,Hunan,China <input type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100-277V~, 50-60Hz, 0.45A <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LD15-23BxxR2*, LD15-23BxxWR2, LD10-23BxxR2-M, LD15-23BxxR2*-XXX, LD10-23Bxx-M <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020 National Differences specified in the CB Test Report. <input type="checkbox"/> 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	E235235-4790604174-3 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 (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](http://www.ul.com/ncbnames)

Date: 2022-11-24

Signature:

Jan-Erik Storgaard



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**Additional Model Detail(s):**

LD10-23Bxx-M, LD15-23BxxR2\*, LD15-23BxxWR2,  
LD10-23BxxR2-M, LD15-23BxxR2\*-XXX (Variable \* can be blank,  
A2S, A4S, -OEM or -AT. If \* is blank, it means standard module. If  
\* is A2S, it means chassis mounting. If \* is A4S, it means DIN-Rail  
mounting, if \* is -OEM, it means standard module with other colour  
plastic shell. if \* is -AT, it means standard module with orange  
plastic shell. Variable xx can be 03, 05, 09, 12, 15 and 24, indicate  
output voltage, eg: 03=3.3Vdc, 24=24.0Vdc. Variable XXX can be  
1-3 digits, A-Z or 0-9 any letter, use to distinguish between  
Different sales purposes)

**Additional Ratings:**

Output: See test report for detail

**Additional information (if necessary)**



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