



Ref. Certif. No.

**DK-133971-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,China
Name and address of the manufacturer	MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD. No.8, Nanyun Road 4, Huangpu District, GUANGZHOU, GUANGDONG,510670,China
Name and address of the factory	MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD No.8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong, 510670, China. <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100-277V~, 0.4A, 50/60Hz. Output: See test report for details
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LM15-23B* <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
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 Difference specified in the CB Test Report. <input type="checkbox"/> <a href="#">Additional Information on page 2</a>
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-A6140-CB-1 issued on 2022-10-27

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: 2022-10-28

Signature:

Jan-Erik Storgaard



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**Factory(ies):**

MORNSUN (Huaihua) Science & Technology Co., Ltd.  
No. 16, Jianshe Avenue, High-tech Industrial Development District, Huaihua, Hunan,  
China.

Shenzhen Hehuiyuan Electronic Technology Co., Ltd.  
North side, 5F Building B20S Hezhou Hengfeng Industrial City Xixiang Street, Bao'an District, Shenzhen, Guangdong  
China

Analog Power Electronic Co., Ltd  
No. 6 Chuangxin Road Dongguan Guangdong,  
China

**Additional Model Detail(s):**

LM15-23B\*

\* means the model suffix, can be XX, XX-C, XX-Q, XX-CQ, XX-XXX, XX-C-XXX, XX-Q-XXX, XX-CQ-XXX, YYY, YYY-C, YYY-Q, YYY-CQ, YYY-XXX, YYY-C-XXX, YYY-Q-XXX, YYY-CQ-XXX.

XX can be 03, 05, 12, 15, 24, 48 to mean output voltage.

YYY is any 3 digit number 028-528 representing 10 times output voltage.

XXX can be an Arabian number or English letter for marketing purposes.

**Additional information (if necessary)**



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