



Ref. Certif. No.

DK-136359-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 (Huaihua) Science & Technology Co., Ltd. No. 16, Jianshe Avenue, High-tech Industrial Development District, Huaihua, Hunan, China.
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on page 2 Input: 100-277Vac, 0.8A, 50/60Hz for LM35-23BZZR2*, see test report for details. Output: see test report for details.
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LM35-23BZZR2*, LM35-23BZZR2*-X, LM35-23BZZR2*-XX, LM35-23BZZR2*-XXX, LM35-23BYYYR2* <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to: EN IEC 62368-1:2020/A11:2020, EN IEC 62368-1:2020 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	S01A22060811S002 issued on 2022-12-20

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

Date: 2022-12-29

Signature:

Jan-Erik Storgaard



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Factory(ies):

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):

LM35-23BZZR2*, LM35-23BZZR2*-X, LM35-23BZZR2*-XX, LM35-23BZZR2*-XXX,
LM35-23BYYR2*, LM35-23BYYR2*-X, LM35-23BYYR2*-XX, LM35-23BYYR2*-XXX,
LM50-23BZZR2*, LM50-23BZZR2*-X, LM50-23BZZR2*-XX, LM50-23BZZR2*-XXX,
LM50-23BYYR2*, LM50-23BYYR2*-X, LM50-23BYYR2*-XX, LM50-23BYYR2*-XXX

"ZZ" can be 05, 12, 15, 24, 36, 48, 54 to represents the output voltage, such as ZZ=12 is 12V.

"YYY" can be 045-058, 114-134, 142-173, 228-276, 342-414, 432-594, represents the output voltage, the step is 0.1V, such as YYY=114 is 11.4V.

For "X", "XX" and "XXX", each X=A~Z any letter, for marketing purpose.

- (a) "*" can be "-C", it means models with terminal cover
- (b) "*" can be "-Q", it means models with Anti-corrosion paint which used for one side of PCB.
- (c) "*" can be "-QQ", it means models with Anti-corrosion paint which used for both side of PCB.
- (d) "*" can be "-CQ", it means models with terminal cover and Anti-corrosion paint which used for one side of PCB.
- (e) "*" can be "-CQQ", it means models with terminal cover and Anti-corrosion paint which used for both side of PCB.
- (f) "*" can be "-OEM", for marketing purpose.
- (g) "*" can be blank, for the basic model.

Additional information (if necessary)



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