



Ref. Certif. No.

DK-136618-A1-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.
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Input: 100-277V~, 4A, 50/60Hz Output: See test report for details
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LM150-23BYYR2-J-CQQ, LM150-23BxxR2-J-C, LM150-23BxxR2-J-QQ-XXX, LM150-23BYYR2-J-C, LM150-23BxxR2-CQ-XXX <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, EN IEC 62368-1:2020/A11:2020 National differences specified in the CB Test Report. The report was revised to include administrative modifications. <input checked="" 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	S01A23020520S002 issued on 2023-02-18

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: 2023-03-01
Original Issue Date: 2023-01-06

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

Guangzhou Huachuan Electronics Co., Ltd.
Room 301, Building A01, No.11, Hanqi Avenue, Dalong Street, Panyu District Guangzhou Guangdong Province 511400 China

Additional Model Detail(s):

LM150-23BxxR2-J-C-XXX, LM150-23BxxR2-J-QQ-XXX, LM150-23BxxR2-CQ-XXX, LM150-23BxxR2-J-CQ-XXX, LM150-23BxxR2-J-Q-XXX, LM150-23BxxR2-CQQ-XXX, LM150-23BxxR2-J-CQQ-XXX, LM150-23BxxR2-XXX, LM150-23BxxR2-Q-XXX, LM150-23BxxR2-J-XXX, LM150-23BxxR2-QQ-XXX, LM150-23BxxR2-C-XXX, xx = 12, 15, 24, 36, 48, 54, 2 digits number, means output voltage. eg. 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 36=36.0Vdc, 48 =48.0Vdc, 54=54.0Vdc. XXX = A-Z any letter, represents non-security-related changes.

LM150-23BxxR2-J-C, LM150-23BxxR2-J-CQQ, LM150-23BxxR2-J-CQ, LM150-23BxxR2-QQ, LM150-23BxxR2-CQ, LM150-23BxxR2-C, LM150-23BxxR2-J-QQ, LM150-23BxxR2-Q, LM150-23BxxR2, LM150-23BxxR2-J-Q, LM150-23BxxR2-J, LM150-23BxxR2-CQQ, xx = 12, 15, 24, 36, 48, 54, 2 digits number, means output voltage. eg. 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc, 36=36.0Vdc, 48 =48.0Vdc, 54=54.0Vdc.

LM150-23BYYYYR2-J-CQQ, LM150-23BYYYYR2-J-C, LM150-23BYYYYR2, LM150-23BYYYYR2-C, LM150-23BYYYYR2-CQ, LM150-23BYYYYR2-CQQ, LM150-23BYYYYR2-J, LM150-23BYYYYR2-Q, LM150-23BYYYYR2-QQ, LM150-23BYYYYR2-J-QQ, LM150-23BYYYYR2-J-CQ, LM150-23BYYYYR2-J-Q, YYY = 114-567, 3 digits, indicate output voltage from 11.4Vdc to 56.7Vdc in step of 0.1Vdc, eg. 114=11.4Vdc, 567=56.7Vdc.

LM150-23BYYYYR2-CQQ-XXX, LM150-23BYYYYR2-CQ-XXX, LM150-23BYYYYR2-J-C-XXX, LM150-23BYYYYR2-QQ-XXX, LM150-23BYYYYR2-Q-XXX, LM150-23BYYYYR2-XXX, LM150-23BYYYYR2-C-XXX, LM150-23BYYYYR2-J-CQQ-XXX, LM150-23BYYYYR2-J-CQ-XXX, LM150-23BYYYYR2-J-QQ-XXX, LM150-23BYYYYR2-J-Q-XXX, LM150-23BYYYYR2-J-XXX, YYY = 114-567, 3 digits, indicate output voltage from 11.4Vdc to 56.7Vdc in step of 0.1Vdc, eg. 114=11.4Vdc, 567=56.7Vdc. XXX = A-Z any letter, represents non-security-related changes.

Summary of Modifications:

Changed models for marketing purposes only, see test report for details

Additional information (if necessary)



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