



Ref. Certif. No.

DK-133932-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: 100-240V~, 4A, 50/60Hz or 185-240V~, 2.2A, 50/60Hz or 100-277V~, 4A, 50/60Hz (see test report for details) Output : Total Range 10.2-48Vdc, 0-12.5A. (see test report for details)
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LM150-20BXX, LM150-22BXX, LM150-23BXX, LM150-20BXX-C, LM150-22BXX-C <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. <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-A6135-CB-1 issued on 2022-10-26

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: 2022-10-26

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):

LM150-20BXX, LM150-22BXX, LM150-23BXX, LM150-20BXX-C, LM150-22BXX-C, LM150-23BXX-C, LM150-20BXX-Q,
LM150-22BXX-Q, LM150-23BXX-Q, LM150-20BXX-xxx, LM150-22BXX-xxx, LM150-23BXX-xxx, LM150-20BYYY, LM150-22BYYY,
LM150-23BYYY, LM150-20BYYY-C, LM150-22BYYY-C, LM150-23BYYY-C, LM150-20BYYY-Q, LM150-22BYYY-Q,
LM150-23BYYY-Q, LM150-20BYYY-xxx, LM150-22BYYY-xxx, LM150-23BYYY-xxx, LM150-20BYYY-C-xxx,
LM150-22BYYY-C-xxx, LM150-23BYYY-C-xxx, LM150-20BYYY-Q-xxx, LM150-22BYYY-Q-xxx, LM150-23BYYY-Q-xxx,
LM150-20BXX-C-xxx, LM150-22BXX-C-xxx, LM150-23BXX-C-xxx, LM150-20BXX-Q-xxx, LM150-22BXX-Q-xxx,
LM150-23BXX-Q-xxx

("XX" is 2 digit number equal to 12 or 15 or 24 or 36 or 48, which represents the output voltage. "YYY" is 3 digit number from 102 to 480, which represents the output voltage from 10.2Vdc to 48.0Vdc in a step of 0.1V. "xxx" is 3 capital letter, which represents difference customer code for marketing purposes. see supplement 7-03 for model details)

Additional information (if necessary)



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