



Ref. Certif. No.

DK-134093-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 CO., 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	For models LM50-20B*: Input: 100-240Vac, 1.2A, 50/60Hz or 120-340VDC, 1.2A Output: See test report for details. <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LM50-22B*, LM50-23B*, LM50-20B* <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-A6142-CB-1 issued on 2022-10-28

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: 2022-10-28

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, 418000
China

Shenzhen Hehuiyuan Electronic Technology Co., Ltd.
North side, 5F Building B20S
Hezhou Hengfeng Industrial City
Xixiang Street, Bao`an District Shenzhen, Guangdong, 518003
China

Analog Power Electronic Co Ltd
No. 6 Chuangxin Road Dongguan, GUANGDONG, 523469
China

Additional Model Detail(s):

LM50-22B*, LM50-23B*, LM50-20B* (* means the model suffix, can be XX, XX-C, XX-Q, XX-XXX, XX-C-XXX, XX-Q-XXX, YYY, YYY-C, YYY-Q, YYY-XXX, YYY-C-XXX, YYY-Q-XXX, see test report for detail)

Additional Ratings:

For models LM50-22B*:
Input: 185-240Vac, 0.8A, 50/60Hz or 260-340VDC, 0.8A
Output: See test report for details.
For models LM50-23B*:
Input: 100-277Vac, 1.2A, 50/60Hz or 120-370VDC, 1.2A
Output: See test report for details.

Additional information (if necessary)



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