



Ref. Certif. No.

DK-136861-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	1.MORNSUN (Huaihua) Science & Technology Co., Ltd. No. 16, Jianshe Avenue, High-tech Industrial Development District, Huaihua, Hunan, China. <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	100-120Vac, 5A, 50/60Hz , 200-240Vac, 3A, 50/60Hz See test report for details
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	LM200-20BZZR2*, LM200-20BZZR2*-X, LM200-20BZZR2*-XX, LM200-20BZZR2*-XXX, LM200-20BYYYYR2*, LM200-20BYYYYR2*-X, LM200-20BYYYYR2*-XX, LM200-20BYYYYR2*-XXX, LM200-22BZZR2*, LM200-22BZZR2*-X, LM200-22BZZR2*-XX, LM200-22BZZR2*-XXX, LM200-22BYYYYR2*, LM200-22BYYYYR2*-X, LM200-22BYYYYR2*-XX, LM200-22BYYYYR2*-XXX
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	S01A22070419S017 issued on 2022-12-28

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: 2023-01-13

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

Additional Model Detail(s):

- "ZZ" mean output voltage is fixed, can be 12, 15, 24, 36, 48, 54 to represents the output voltage, such as ZZ=12 is 12V.
"YYY" mean output voltage is adjustable, can be 114-138, 142-173, 228-276, 342-414, 432-528, 513-567, represents the output voltage, the step is 0.1V, such as YYY=114 is 11.4V, YYY=567 is 56.7V.
For "X", "XX" and "XXX", each X=A~Z or 0~9, any letter or number, 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 "-J", for marketing purpose.
 - (g) "*" can be blank, it means basic models.

Additional information (if necessary)



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