



Ref. Certif. No.

**DK-139316-UL**

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**

**CB TEST CERTIFICATE**

Product	DC-DC Converter
Name and address of the applicant	MORNSUN Guangzhou Science & Technology Co., Ltd. No. 8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong, 510670, P.R. China.
Name and address of the manufacturer	MORNSUN Guangzhou Science & Technology Co., Ltd. No. 8, Nanyun Road 4, Huangpu District, Guangzhou, Guangdong, 510670, P.R. 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	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Input: 2.97-3.63Vdc, 0.416A (optional) Output: See test report for details
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	B0303T-1WR3*, B0305T-1WR3*, B0303XT-1WR3*, B0305XT-1WR3*, B0309XT-1WR3* <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020 National differences specified in the CB Test Report.
A sample of the product was tested and found to be in conformity with	<input type="checkbox"/> Additional Information on page 2  IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	ENS2302200154S00101R issued on 2023-03-28

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](http://www.ul.com/ncbnames)

Date: 2023-03-29

Signature: Jan-Erik Storgaard



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**Additional Model Detail(s):**

B0303T-1WR3\*, B0305T-1WR3\*, B0303XT-1WR3\*, B0305XT-1WR3\*, B0309XT-1WR3\*, F0303XT-1WR3\*, F0305XT-1WR3\*, F0309XT-1WR3\*, ("\*" means blank or "-TR" or "-xy", among them: the "-TR" model represents that the product is packaged as a tap package. the "-xy" model represents a customer model, "x" means any letter from A to Z, and "y" means any number from 0 to 9. These suffixes represent variations or selections that are not related to safety)

**Additional information (if necessary)**



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