

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.  
5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER SCIENCE  
AVE, GUANGZHOU SCIENCE CITY LUOGANG DISTRICT  
GUANGZHOU, GUANGDONG 510000 CHINA

Name and address of the manufacturer

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO.,  
LTD.  
5 KEHUI ST 1 KEHUI DEVELOPMENT CENTER SCIENCE  
AVE, GUANGZHOU SCIENCE CITY LUOGANG DISTRICT  
GUANGZHOU, GUANGDONG 510000 CHINA

Name and address of the factory

Note: When more than one factory, please report on page 2

MORNSUN (HUAIHUA) SCIENCE & TECHNOLOGY CO.LTD.  
16, Jianshe Avenue, High- tech Industrial Development District,  
Huaihua, Hunan,  
China Additional Information on page 2

Ratings and principal characteristics

Input: 5Vdc, 370mA  
Output: See test report for details.

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

A05xxXT-1WR3E, E05xxXT-1WR3E, A05xxXT-1WR3,  
E05xxXT-1WR3  
See Page 2Additional information (if necessary may also be  
reported on page 2)

The report was revised to include technical modification(s)

 Additional Information on page 2A sample of the product was tested and found  
to be in conformity with

IEC 62368-1:2014

As shown in the Test Report Ref. No. which forms  
part of this Certificate

18PNC050019 14002 issued on 2020-06-01

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (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: 2020-06-04

Signature:

Original Issue Date: 2018-06-04

Jan-Erik Storgaard



Ref. Certif. No.

**DK-73590-M1-UL**

**Model Details:**

A05xxXT-1WR3E,E05xxXT-1WR3E,A05xxXT-1WR3,E05xxXT-1WR3 ( xx=05, 09, 12, 15, 24, represent the output voltage in volt. e.g. 05=5.0Vdc, 09=9.0Vdc, 12=12.0Vdc, 15=15.0Vdc, 24=24.0Vdc.)

**Additional Information:**

Additionally evaluated to EN 62368-1:2014/A11:2017; National Differences specified in the CB Test Report.

The original report was modified to include the following changes/additions:

1. Add transformers, see test report for details.
2. Add the model name A05xxXT-1WR3E, E05xxXT-1WR3E, (xx=05, 09, 12, 15, 24)
3. Change the applicant's name from "MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD" to "MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY CO., LTD"
4. Change the factory's name and address from "Mornsun Guangzhou Science & Technology Ltd. / No.8 Nanyun Road 4, Guangzhou Science Park, Guangzhou 510663, China" to "MORNSUN (HUAIHUA) SCIENCE & TECHNOLOGY CO.LTD. / 16, Jianshe Avenue, High- tech Industrial Development District, Huaihua, Hunan, China."

**Additional information (if necessary)**



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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