

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

 Additional Information on page 2

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)

MORNSUN

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

Model / Type Ref.

A1205XT-1WR3*, A1209XT-1WR3*, A1212XT-1WR3*,
A1215XT-1WR3*, A1224XT-1WR3*, A1515XT-1WR3*, See
Page 2Additional information (if necessary may also be
reported on page 2)Additionally evaluated to EN IEC 62368-1:2020/A11:2020;
National Differences specified in the CB Test Report. Additional Information on page 2A 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

ES201112063S issued on 2020-11-26

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

Date: 2020-11-30

Signature:

Jan-Erik Storgaard

Model Details:

A1205XT-1WR3*, A1209XT-1WR3*, A1212XT-1WR3*,
 A1215XT-1WR3*, A1224XT-1WR3*, A1515XT-1WR3*,
 A2405XT-1WR3*, A2409XT-1WR3*, A2412XT-1WR3*,
 A2415XT-1WR3*, A2424XT-1WR3*, E1205XT-1WR3*,
 E1209XT-1WR3*, E1212XT-1WR3*, E1215XT-1WR3*,
 E1224XT-1WR3*, E1515XT-1WR3*, E2405XT-1WR3*,
 E2409XT-1WR3*, E2412XT-1WR3*, E2415XT-1WR3*,
 E2424XT-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 security.

Ratings:

For model A1205XT-1WR3*, A1209XT-1WR3*, A1212XT-1WR3*, A1215XT-1WR3*, A1224XT-1WR3*,
 E1205XT-1WR3*, E1209XT-1WR3*, E1212XT-1WR3*, E1215XT-1WR3*, E1224XT-1WR3*

Input: 12Vdc, 0.12A

Output: See test report for details.

For model A1515XT-1WR3*, E1515XT-1WR3*

Input: 15Vdc, 0.09A

Output: See test report for details.

For model A2405XT-1WR3*, A2409XT-1WR3*, A2412XT-1WR3*, A2415XT-1WR3*, A2424XT-1WR3*,
 E2405XT-1WR3*, E2409XT-1WR3*, E2412XT-1WR3*, E2415XT-1WR3*, E2424XT-1WR3*

Input: 24Vdc, 0.06A

Output: See test report for details.

Additional information (if necessary)



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