

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, 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(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

Input: 15 Vdc, 0.09A or 24 Vdc, 0.06A,  
See page 2 for more details.

Trademark / Brand (if any)



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

Model / Type Ref.

B1505S-1WR3\*, B1509S-1WR3\*, B1512S-1WR3\*,  
B1515S-1WR3\*, B2403S-1WR3\*, B2405S-1WR3\*,  
B2409S-1WR3\*, B2412S-1WR3\*, B2415S-1WR3\*,  
B2424S-1WR3\* See Page 2Additional information (if necessary may also be  
reported on page 2) 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

S2020110566280101 issued on 2020-12-10

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: 2020-12-21

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-107470-UL

## Model Details:

Input voltage: 15Vdc 0.09A				
Part number	Output voltage	Output current	Output power	Transformer type
B1505S-1WR3*	5V	200mA	1W	51104331 (A/0,...,A/9)
B1509S-1WR3*	9V	111mA	1W	51104332 (A/0,...,A/9)
B1512S-1WR3*	12V	83mA	1W	51104333 (A/0,...,A/9)
B1515S-1WR3*	15V	67mA	1W	51104334 (A/0,...,A/9)
Input voltage: 24Vdc 0.06A				
B2403S-1WR3*	3.3V	333mA	1W	51104452 (A/0,...,A/9)
B2405S-1WR3*	5V	200mA	1W	51104336 (A/0,...,A/9)
B2409S-1WR3*	9V	111mA	1W	51104337 (A/0,...,A/9)
B2412S-1WR3*	12V	83mA	1W	51104338 (A/0,...,A/9)
B2415S-1WR3*	15V	67mA	1W	51104339 (A/0,...,A/9)
B2424S-1WR3*	24V	42mA	1W	51104340 (A/0,...,A/9)

"\*" 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.

## Additional Information:

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

## Additional information (if necessary)



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UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK

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