

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE  
CERTIFICATS D'ESSAIS DES EQUIPEMENTS  
ELECTRIQUES (IECEE) METHODE OC

**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**

Product  
Produit

DC-DC converter

Name and address of the applicant  
Nom et adresse du demandeur

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

Name and address of the manufacturer  
Nom et adresse du fabricant

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

Name and address of the factory  
Nom et adresse de l'usine

MORNSUN GUANGZHOU SCIENCE & TECHNOLOGY LTD  
NO A D2-2 BLK  
DONGCHENG OF YUNPU INDUSTRIAL ZONE  
(CANGLIAN INDUSTRY PARK) HUANGPU  
GUANGZHOU, 510000 GUANGDONG China

Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup> page

Additional Information on page 2

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

Input: 12Vdc, 278mA  
Output: See Test report for detail

Trademark (if any)  
Marque de fabrique (si elle existe)

**MORNSUN®**

Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais  
constructeur

E12XXS-2WR2, F12XXS-2WR2  
See Page 2

Model / Type Ref.  
Ref. De type

Additional information (if necessary may also be  
reported on page 2)  
Les informations complémentaires (si nécessaire,,  
peuvent être indiqués sur la 2<sup>ème</sup> page

Additionally evaluated to EN 60950-1:2006 /A11:2009/A1:2010/  
A12:2011/ A2:2013; National Differences specified in the CB  
Test Report.

Additional Information on page 2

A sample of the product was tested and found  
to be in conformity with  
Un échantillon de ce produit a été essayé et a été  
considéré conforme à la

IEC 60950-1(ed.2), IEC 60950-1(ed.2);am1,  
ГОСТ Р 60950-1 (ed.2);am2

As shown in the Test Report Ref. No. which forms  
part of this Certificate  
Comme indiqué dans le Rapport d'essais numéro de  
référence qui constitue partie de ce Certificat

14BAS04023 61 issued on 2014-07-02

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**



- 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: 2014-07-14

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-39744-UL**

Model Details:

E12XXS-2WR2, ~~A~~12XXS-2WR2 (xx=05, 09, 12, 15, 24 for output voltage)

**Additional information (if necessary)**

**Information complémentaire (si nécessaire)**



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Date: 2014-07-14

Signature:

Jan-Erik Storgaard