

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

MINMAX TECHNOLOGY CO LTD  
18 SIN-SIN RD AN-PING INDUSTRIAL DISTRICT  
TAINAN CITY 702  
TAIWAN

Name and address of the manufacturer  
Nom et adresse du fabricant

MINMAX TECHNOLOGY CO LTD  
18 SIN-SIN RD AN-PING INDUSTRIAL DISTRICT  
TAINAN CITY 702  
TAIWAN

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

MINMAX TECHNOLOGY CO LTD.  
18 SIN-SIN RD AN-PING INDUSTRIAL DISTRICT  
TAINAN CITY 702  
TAIWAN

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

Additional Information on page 2

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

12Vdc, 1087mA; See Test Report for Details

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



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

See Page 2

Model / Type Ref.  
Ref. De type

Additional Information on page 2

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

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

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

1509002-CB issued on 2016-01-15

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

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: 2016-01-26

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-51441-UL**

**Model Details:**

Model: MJWI15-x1Sy1z1; MJWI15-x1Dy2z1, where x1 = 24 or 48 representing input voltage range, y1 = 033, 05, 12, 15, 24, representing Single output voltage; y2 = 12, 15, representing Dual output voltage; z1 = blank or -HS, representing without or with Heat sink.

Model: MJWI15-x1Sy1-PLXz1; MJWI15-x1Dy2-PLXz1, where x1 = 24 or 48 representing input voltage range, y1 = 033, 05, 12, 15, 24, representing Single output voltage; y2 = 12, 15, representing Dual output voltage, X = 1 to 9, representing pin length; z1 = blank or -HS, representing without or with Heat sink.

Model: MJW15-x1Sy1z1; MJW15-x1Dy2z1, where x1 = 12 or 24 or 48 representing input voltage range, y1 = 033, 05, 12, 15, 24, representing Single output voltage; y2 = 12, 15, representing Dual output voltage; z1 = blank or -HS, representing without or with Heat sink.

Model: MJW15-x1Sy1-PLXz1; MJW15-x1Dy2-PLXz1, where x1 = 12 or 24 or 48 representing input voltage range, y1 = 033, 05, 12, 15, 24, representing Single output voltage; y2 = 12, 15, representing Dual output voltage, X = 1 to 9, representing pin length; z1 = blank or -HS, representing without or with Heat sink.

**Additional Information:**

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 (if necessary)**

**Information complémentaire (si nécessaire)**



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