



Ref. Certif. No.

**DK-83586-UL**

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

**CB TEST CERTIFICATE**

Product

DC to DC Converter

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

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

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

Additional Information on page 2

Ratings and principal characteristics

Input: Nominal: 12 Vdc, Range: 9-18 Vdc, 1426 max.mA  
for Model MIE10-12S033HI, see test report for details

Trademark (if any)



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

Model / Type Ref.

MIE03-mS24HI, MIE06-xS24HI, MIE10-xDzHI, MIE10-xSyHI  
See Page 2

Additional information (if necessary may also be reported on page 2)

Additional Information on page 2

A 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

181200604 issued on 2019-05-15

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: 2019-05-16

Signature:

Jan-Erik Storgaard



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**Model Details:**

MIE10-xSyHI, MIE10-xDzHI (x can be 12, 24 or 48, y can be 033, 05, 051, 12, 15 or 24, z can be 12 or 15),  
MIE06-xS24HI (x can be 12, 24 or 48),  
MIE03-mS24HI (m can be 05, 12, 24 or 48)

**Additional Information:**

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

**Additional information (if necessary)**



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