



Ref. Certif. No.

DK-171069-UL

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

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

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

☐ Additional Information on page 2

Ratings and principal characteristics

(optional) Input: 4.5-18Vdc (Nominal: 12Vdc), 2114mA

☒ Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

MCWI08-xSyz1z1z1z1z1, LCWI08-xSyz1z1z1z1z1, MCWI10-xSyz1z1z1z1z1, LCWI10-xSyz1z1z1z1z1, MCWI08-xDyz1z1z1z1z1

☒ Additional Information on page 2

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

National Differences: AU, CA, CN, EU Group Differences, JP, NZ, KR, SA, GB, US

☒ Additional Information on page 2

A 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

25SBCS07058 02921 issued on 2025-08-14

This CB Test Certificate is issued by the National Certification Body



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL Solutions (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2025-09-16

Signature:

Thomas Wilson

Additional Model Detail(s):

MCWI08-xSyz1z1z1z1z1, LCWI08-xSyz1z1z1z1z1, ('x' can be 12, 24 or 48, 'y' can be 05, 12, 15 or 24, 'z1' can be any alphanumeric character, punctuation, blank or space, see test report for details)
 MCWI10-xSyz1z1z1z1z1, LCWI10-xSyz1z1z1z1z1, ('x' can be 12, 24 or 48, 'y' can be 051, 12, 15 or 24, 'z1' can be any alphanumeric character, punctuation, blank or space, see test report for details)
 MCWI08-xDyz1z1z1z1z1, LCWI08-xDyz1z1z1z1z1, LCWI10-xDyz1z1z1z1z1, MCWI10-xDyz1z1z1z1z1, ('x' can be 12, 24 or 48, 'y' can be 12 or 15, 'z1' can be any alphanumeric character, punctuation, blank or space, see test report for details)

Additional Ratings:

(optional)

Input:

4.5-18Vdc (Nominal: 12Vdc), 2114mA (for model MCWI08-12Syz1z1z1z1z1, MCWI08-12Dyz1z1z1z1z1, LCWI08-12Syz1z1z1z1z1, LCWI08-12Dyz1z1z1z1z1)

4.5-18Vdc (Nominal: 12Vdc), 2651mA (for model MCWI10-12Syz1z1z1z1z1, MCWI10-12Dyz1z1z1z1z1, LCWI10-12Syz1z1z1z1z1, LCWI10-12Dyz1z1z1z1z1)

9-36Vdc (Nominal: 24Vdc), 1057mA (for model MCWI08-24Syz1z1z1z1z1, MCWI08-24Dyz1z1z1z1z1, LCWI08-24Syz1z1z1z1z1, LCWI08-24Dyz1z1z1z1z1)

9-36Vdc (Nominal: 24Vdc), 1341mA (for model MCWI10-24Syz1z1z1z1z1, MCWI10-24Dyz1z1z1z1z1, LCWI10-24Syz1z1z1z1z1, LCWI10-24Dyz1z1z1z1z1)

18-75Vdc (Nominal: 48Vdc), 529mA (for model MCWI08-48Syz1z1z1z1z1, MCWI08-48Dyz1z1z1z1z1, LCWI08-48Syz1z1z1z1z1, LCWI08-48Dyz1z1z1z1z1)

18-75Vdc (Nominal: 48Vdc), 671mA (for model MCWI10-48Syz1z1z1z1z1, MCWI10-48Dyz1z1z1z1z1, LCWI10-48Syz1z1z1z1z1, LCWI10-48Dyz1z1z1z1z1)

Output: see test report for details.

Additionally evaluated to:

EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020

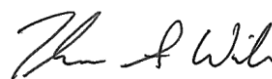
Additional information (if necessary)


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