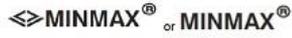


IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

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 <input type="checkbox"/> Additional Information on page 2
<i>Note: When more than one factory, please report on page 2</i>	
Ratings and principal characteristics	input: 9–18 Vdc/ 6423 mA for MKW50-12S05 See Test Report for details
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	MAW01 Series, MCWI03 Series, See Page 2
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> 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	180101423 issued on 2019-08-02

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/ncbnamesDate: 2019-08-07
Original Issue Date: 2019-08-06

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-86481-A1-UL

Model Details:

MSCW01 series (MSCW01-05S05, MSCW01-05S12, MSCW01-05S15, MSCW01-05D12, MSCW01-05D15, MSCW01-12S05, MSCW01-12S12, MSCW01-12S15, MSCW01-12D12, MSCW01-12D15, MSCW01-24S05, MSCW01-24S12, MSCW01-24S15, MSCW01-24D12, MSCW01-24D15, MSCW01-48S05, MSCW01-48S12, MSCW01-48S15, MSCW01-48D12, MSCW01-48D15)

MAW01 series (MAW01-05S05, MAW01-05S12, MAW01-05S15, MAW01-05S24, MAW01-05D12, MAW01-05D15, MAW01-12S05, MAW01-12S12, MAW01-12S15, MAW01-12S24, MAW01-12D12, MAW01-12D15, MAW01-24S05, MAW01-24S12, MAW01-24S15, MAW01-24S24, MAW01-24D12, MAW01-24D15, MAW01-48S05, MAW01-48S12, MAW01-48S15, MAW01-48S24, MAW01-48D12, MAW01-48D15)

MCWI03 series (MCWI03-12S033, MCWI03-12S05, MCWI03-12S12, MCWI03-12S15, MCWI03-12D05, MCWI03-12D12, MCWI03-12D15, MCWI03-24S033, MCWI03-24S05, MCWI03-24S12, MCWI03-24S15, MCWI03-24D05, MCWI03-24D12, MCWI03-24D15, MCWI03-48S033, MCWI03-48S05, MCWI03-48S12, MCWI03-48S15, MCWI03-48D05, MCWI03-48D12, MCWI03-48D15)

MKWI40 series (MKWI40-24S033, MKWI40-24S05, MKWI40-24S12, MKWI40-24S15, MKWI40-24S24, MKWI40-24D12, MKWI40-24D15, MKWI40-48S033, MKWI40-48S05, MKWI40-48S12, MKWI40-48S15, MKWI40-48S24, MKWI40-48D12, MKWI40-48D15)

MKWI40-HS series (MKWI40-24S033-HS, MKWI40-24S05-HS, MKWI40-24S12-HS, MKWI40-24S15-HS, MKWI40-24S24-HS, MKWI40-24D12-HS, MKWI40-24D15-HS, MKWI40-48S033-HS, MKWI40-48S05-HS, MKWI40-48S12-HS, MKWI40-48S15-HS, MKWI40-48S24-HS, MKWI40-48D12-HS, MKWI40-48D15-HS)

MKW50 series (MKW50-12S033, MKW50-12S05, MKW50-12S12, MKW50-12S15, MKW50-12S24, MKW50-24S033, MKW50-24S05, MKW50-24S12, MKW50-24S15, MKW50-24S24, MKW50-48S033, MKW50-48S05, MKW50-48S12, MKW50-48S15, MKW50-48S24)

MKW50-HS series (MKW50-12S033-HS, MKW50-12S05-HS, MKW50-12S12-HS, MKW50-12S15-HS, MKW50-12S24-HS, MKW50-24S033-HS, MKW50-24S05-HS, MKW50-24S12-HS, MKW50-24S15-HS, MKW50-24S24-HS, MKW50-48S033-HS, MKW50-48S05-HS, MKW50-48S12-HS, MKW50-48S15-HS, MKW50-48S24-HS)

MKW40 series (MKW40-12S24, MKW40-24S24, MKW40-48S24)

MKW40-HS series (MKW40-12S24-HS, MKW40-24S24-HS, MKW40-48S24-HS)

Additional Information:

Additionally evaluated to EN 62368-1:2014/A11:2017.

National Differences specified in the CB Test Report.

Reason for correction due to typo app/mfg address.

Additional information (if necessary)



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