

# CERTIFICATE OF CONFORMITY



BUREAU  
VERITAS



**Equipment** : DC to DC Converter  
**Brand Name** : MINMAX  
**Test Model No.** : MKW50-48S24-HS  
**Multiple Listing** : Refer to Note on next page  
**Applicant** : MINMAX TECHNOLOGY CO., LTD  
**Test Report No.** : CE160331D20B

We, **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, declare that the equipment above has been tested in our facility and found compliance with the requirement limits of applicable standards, in accordance with the Directive 2014/30/EU. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate under the standards herein specified.

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**EN 55032:2012 +AC:2013, Class A**

**EN 61000-3-2:2014 (Not applicable)**

**EN 61000-3-3:2013 (Not applicable)**

**EN 55024:2010**

EN 61000-4-2:2009 / IEC 61000-4-2:2008 ED. 2.0

EN 61000-4-3:2006 +A1:2008 +A2:2010 / IEC 61000-4-3:2010 ED. 3.2

EN 61000-4-4:2012 / IEC 61000-4-4:2012 ED. 3.0

EN 61000-4-5:2014 / IEC 61000-4-5:2014 ED. 3.0

EN 61000-4-6:2014 / IEC 61000-4-6:2013 ED. 4.0

EN 61000-4-8:2010 / IEC 61000-4-8:2009 ED. 2.0

EN 61000-4-11:2004 / IEC 61000-4-11:2004 ED. 2.0 (Not applicable)

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**NOTE:** The above EN/IEC basic standards are applied with latest version if customer has no special requirement.

Henry Lai / Director

Apr. 20, 2017

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## Note: Series models

MKW50 SERIES	
Without heatsink	With heatsink
MKW50-12S033	MKW50-12S033-HS
MKW50-12S05	MKW50-12S05-HS
MKW50-12S12	MKW50-12S12-HS
MKW50-12S15	MKW50-12S15-HS
MKW50-12S24	MKW50-12S24-HS
MKW50-24S033	MKW50-24S033-HS
MKW50-24S05	MKW50-24S05-HS
MKW50-24S12	MKW50-24S12-HS
MKW50-24S15	MKW50-24S15-HS
MKW50-24S24	MKW50-24S24-HS
MKW50-48S033	MKW50-48S033-HS
MKW50-48S05	MKW50-48S05-HS
MKW50-48S12	MKW50-48S12-HS
MKW50-48S15	MKW50-48S15-HS
MKW50-48S24	<b>MKW50-48S24-HS</b>

MKWI50 SERIES	
Without heatsink	With heatsink
MKWI50-24S033	MKWI50-24S033-HS
MKWI50-24S05	MKWI50-24S05-HS
MKWI50-24S12	MKWI50-24S12-HS
MKWI50-24S15	MKWI50-24S15-HS
MKWI50-24S24	MKWI50-24S24-HS
MKWI50-48S033	MKWI50-48S033-HS
MKWI50-48S05	MKWI50-48S05-HS
MKWI50-48S12	MKWI50-48S12-HS
MKWI50-48S15	MKWI50-48S15-HS
MKWI50-48S24	MKWI50-48S24-HS

The models which were indicated in bold type of the above model list were selected as representative test model.

