

CERTIFICATE OF COMPLIANCE

Certificate Number 20190813-E250439
Report Reference E250439-20190808
Issue Date 2019-AUGUST-13

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

**This certificate confirms that
representative samples of**

COMPONENT - POWER SUPPLIES FOR USE WITH
AUDIO/VIDEO, INFORMATION AND COMMUNICATION
TECHNOLOGY EQUIPMENT

Refer Addendum Page

Have been investigated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 62368-1/CAN/CSA C22.2 No. 62368-1-14 - Audio/video,
Information and Communication Technology Equipment -
Part 1: Safety Requirements.

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only
the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified
and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

DC to DC Converter

For 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

For 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

For 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

For MKWI40 Series and MKWI40-HS Series

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

For MKW50 Series, MKW50-HS Series, MKW40 Series and MKW40-HS Series

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 MKW40-12S24 MKW40-12S24-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 MKW40-24S24 MKW40-24S24-HS, MKW50-48S033 MKW50-48S033-HS, MKW50-48S05



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MKW50-48S05-HS, MKW50-48S12 MKW50-48S12-HS, MKW50-48S15 MKW50-48S15-HS, MKW50-48S24 MKW50-48S24-HS MKW40-48S24 MKW40-48S24-HS.

Note: The suffix "-HS" meaning is the converter with heatsink



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