

CERTIFICATE OF COMPLIANCE

Certificate Number 20170307-E250439
Report Reference E250439-A79-UL
Issue Date 2017-MARCH-07

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

**This is to certify that
representative samples of**

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


See Addendum page

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: See Addendum page

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20170307-E250439
Report Reference E250439-A79-UL
Issue Date 2017-MARCH-07

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

DC-DC Converter,

MSCWI02-xy, MSCWI02-xy-W, MSCWI03-xy, MSCWI03-xy-W (x can be 05, 24 or 48; y can be S05, S12, S15, S24, D12 or D15)

"x" means different input voltage range.

"y" means output voltage and output type; S is for single output, D is for double output.

Standard(s) for Safety:

UL 60950-1 and CAN/CSA C22.2 No. 60950-1-07,
Information Technology Equipment - Safety - Part 1:
General Requirements;
UL62368-1 and CAN/CSA C22.2 No. 62368-1-14,
Audio/Video, Information and Communication Technology
Equipment - Part 1: Safety Requirements



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

