

CERTIFICATE OF COMPLIANCE

Certificate Number 20161206-E250439
Report Reference E250439-A76-UL
Issue Date 2016-DECEMBER-06

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

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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.

MODELS

DC/DC Converter

MKZI20-x1Sy1z1; MKZI20-x1Dy2z1, MKZI20-x1Sy1Az1; MKZI20-x1Dy2Az1,
MKZI10-x1Sy1z1; MKZI10-x1Dy2z1, MKZI10-x1Sy1Az1; MKZI10-x1Dy2Az1,
MKZI10-110Sy3z1; MKZI10-110Sy3Az1;

Where x1 = 24, 48 or 110 representing input voltage range, y1 = 05, 12, 15, 24, representing Single output voltage; y2 = 12, 15, representing Dual output voltage; y3 = 053, 153 representing Single output voltage; z1 = blank or -HS, representing without or with Heat sink.

STANDARDS

UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 Information Technology Equipment - Safety - Part 1: General Requirements



Bruce Mahrenholz, Director North American Certification Program

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