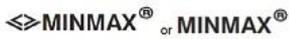


IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

## 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: Nominal: 110 Vdc Range: 80-160 Vdc External fuse rating: 2 A, 905 max.mA Output: See test report for details.
Trademark / Brand (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	MRA60-110SzC (z can be 05, 051, 12, 15, 24 or 48) MRA60-110DzC (z can be 12, 15 or 24)
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 62368-1:2014/A11:2017; National Differences specified in the CB Test Report. <input 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	190703702 issued on 2019-11-05

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/ncbnames](http://www.ul.com/ncbnames)

Date: 2019-11-08

Signature:

Jan-Erik Storgaard