


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

CB TEST CERTIFICATE

Product	DC/DC Power Module
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
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	(Optional) Input: 3.3 Vdc (tolerance 2.97-3.63 Vdc), 390 mA for models: MAPU01-033S033H, MAPU01-033S033HA see test report for details.
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	MAPU01-xyH, MAPU01-xyHA, MSPU01-zaH, MSPU01-zaH-W, and MFPU01-zaH See Page 2
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1(ed.2)
As shown in the Test Report Ref. No. which forms part of this Certificate	1803013-1-CB-M1 issued on 2018-06-13

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/ncbnamesDate: 2018-06-20
Original Issue Date: 2016-11-01

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-59030-M1-UL

Model Details:

MAPU01-xyH, MAPU01-xyHA, MSPU01-zaH, MSPU01-zaH-W, and MFPU01-zaH

(x can be 033, 05, 12 or 24; y can be S033, S05, S09, S12, S15, D05, D12 or D15; a can be S033, S05, S12, S15, D05, D12 or D15; z can be 033, 05 or 12)

Additional Information:

Additionally evaluated to EN 62368-1:2014 /A11:2017; National Difference specified in the CB Test Report

The original report was modified to include the following changes/additions:

1. Output pins reassignment for series Models MAPU01-xyH and MAPU01-xyHA, the PWB layout, schematic and T1 minor changed. Update Enclosures.
2. Addition Models MAPU01-xyHA
3. Update European group differences
4. Changed to Pollution Degree to 3 from 2.
5. Addition description for different input voltage to match Transistors (Q1, Q2)
6. Update ID 7-01 rating list

Additional information (if necessary)



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