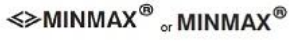


IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

CB TEST CERTIFICATE

Product	DC/DC Converter
Name and address of the applicant	MINMAX TECHNOLOGY CO LIMITED RM18M, 27/F, HO KING COMM CTR, 2-16 FAYUEN ST, MONGKOK, KOWLOON HONG KONG
Name and address of the manufacturer	MINMAX TECHNOLOGY CO LIMITED RM18M, 27/F, HO KING COMM CTR, 2-16 FAYUEN ST, MONGKOK, KOWLOON HONG KONG
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	See Page 2
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	MIE03-05DzHI, MIE03-05SyHI, MIE03-xDzHI, MIE03-xSyHI, MIE06-xDzHI, MIE06-xSyHI See Page 2
Additional information (if necessary may also be reported on page 2)	Technical Modification <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	181101303 issued on 2018-11-29

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

Date: 2018-11-30

Original Issue Date: 2017-09-28

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-67039-M1-UL

Model Details:

MIE03-05SyHI, MIE03-05DzHI (y can be 05, 058, 12, 15; z can be 12, 15),
MIE03-xSyHI, MIE03-xDzHI (x can be 12, 24, 48; y can be 05, 12, 15; z can be 12, 15),
MIE06-xSyHI, MIE06-xDzHI (x can be 12, 24, 48; y can be 05, 12, 15; z can be 12, 15)

Ratings:

For model MIE03-05S05HI, MIE03-05S058HI, MIE03-05S12HI, MIE03-05S15HI, MIE03-05D12HI and MIE03-05D15HI: 4.5-9 Vdc, 0.98-0.49A.
For model MIE03-12S05HI, MIE03-12S12HI, MIE03-12S15HI, MIE03-12D12HI and MIE03-12D15HI: 9-18 Vdc, 0.49-0.24A.
For model MIE03-24S05HI, MIE03-24S12HI, MIE03-24S15HI, MIE03-24D12HI and MIE03-24D15HI: 18-36 Vdc, 0.24-0.12A.
For model MIE03-48S05HI, MIE03-48S12HI, MIE03-48S15HI, MIE03-48D12HI and MIE03-48D15HI: 36-75 Vdc, 0.12-0.06A.
For model MIE06-12S05HI, MIE06-12S12HI, MIE06-12S15HI, MIE06-12D12HI and MIE06-12D15HI: 9-18 Vdc, 0.83-0.41A.
For model MIE06-24S05HI, MIE06-24S12HI, MIE06-24S15HI, MIE06-24D12HI and MIE06-24D15HI: 18-36 Vdc, 0.41-0.21A.
For model MIE06-48S05HI, MIE06-48S12HI, MIE06-48S15HI, MIE06-48D12HI and MIE06-48D15HI: 36-75 Vdc, 0.21-0.10A.

Please refer to test report for output ratings.

Additional Information:

Additionally evaluated to EN 62368-1:2014
National Differences specified in the CB Test Report.
The original report was modified to include the following changes/additions:
1. Change the maximum ambient temperature (Tma)
2. Change the temperature rating of inductor (L2) and transformer (T2)

Additional information (if necessary)



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