



Ref. Certif. No.

**DK-86811-M1-UL**

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

## CB TEST CERTIFICATE

Product

Switching Power Supply

Name and address of the applicant

MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd Rd., Wugu District, New Taipei City  
24891Taiwan

Name and address of the manufacturer

MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd Rd., Wugu District, New Taipei City  
24891Taiwan

Name and address of the factory

MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd Rd., Wugu District, New Taipei City  
24891, Taiwan

*Note: When more than one factory, please report on page 2*

☒ [Additional Information on page 2](#)

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

PHP-3500-24, PHP-3500-24CAN, PHP-3500-48,  
PHP-3500-48CAN, PHP-3500-115, PHP-3500-115CAN,  
PHP-3500-230, PHP-3500-230CAN, PHP-3500-380, and  
PHP-3500-380CAN

Additional information (if necessary may also be reported on page 2)

The report was revised to include technical modifications.  
☒ [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

2102019-1-CB-M1 issued on 2021-04-28

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: 2021-05-03

Signature:

Original Issue Date: 2019-08-19

Jan-Erik Storgaard



Ref. Certif. No.

**DK-86811-M1-UL**

**Factories:**

MEAN WELL (Guangzhou) Electronics Co., Ltd Huadu Branch  
No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou, Guangdong 510890,  
China

SuZhou MEAN WELL Technology Co., Ltd.  
No. 77, Jian-min Road, Dong-qiao, Pan-yang Ind. Park, Huang-dai Town, Xiang-cheng District, Suzhou,  
Jiangsu 215152,  
P.R. China

Yongden Technology Corporation  
345 MacArthur Highway, Tabang, Guiguinto, Bulacan 3015,  
Philippines

**Ratings:**

For Models PHP-3500-24, PHP-3500-24CAN:

Input: 100-120Vac, 21A, 50/60Hz, Output: 24Vdc, 72.5A

Input: 200-240Vac, 20A, 50/60Hz, Output: 24Vdc, 145A

For Models PHP-3500-48, PHP-3500-48CAN:

Input: 100-120Vac, 21A, 50/60Hz, Output: 48Vdc, 36.5A

Input: 200-240Vac, 20A, 50/60Hz, Output: 48Vdc, 73A

For Models PHP-3500-115, PHP-3500-115CAN:

Input: 100-120Vac, 21A, 50/60Hz, Output: 110-160 V d.c., 1750 W, max. 13.1 A

Input: 200-240Vac, 20A, 50/60Hz, Output: 110-160 V d.c., 3500 W, max. 26.2 A

For Models PHP-3500-230, PHP-3500-230CAN:

Input: 100-120Vac, 21A, 50/60Hz, Output: 170-260 V d.c., 1750 W, max. 8.1 A

Input: 200-240Vac, 20A, 50/60Hz, Output: 170-260 V d.c., 3500 W, max. 16.1 A

For Models PHP-3500-380, PHP-3500-380CAN:

Input: 100-120Vac, 21A, 50/60Hz, Output: 260-400 V d.c., 1750 W, max. 5.3 A

Input: 200-240Vac, 20A, 50/60Hz, Output: 260-400 V d.c., 3500 W, max. 10.5 A

**Additional Information:**

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

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

1. Revised National Difference
2. Updated Summary of compliance with National Differences
3. Added Models
4. Addition output ratings for new models
5. Changed Y-Capacitors, X-Capacitors, and Varistors sources.
6. Changed Chokes (LF1, LF2)
7. Added alternate Bobbin sources of Chokes (L1, L2, L3) and Transformer (T3).
8. Correction address of factory, manufacturer and applicant
9. Addition factory
10. Added alternate sources for Insulating Tubing/Sleeving, Silicone Rubber/Silicone Insulator, and Insulation Sheet.

**Additional information (if necessary)**



- ☐ 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: 2021-05-03

Original Issue Date: 2019-08-19

Signature:

Jan-Erik Storgaard