

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 24891, Taiwan
Name and address of the manufacturer	MEAN WELL Enterprises Co., Ltd. No.28, Wuquan 3rd Rd., Wugu District, New Taipei City 24891, Taiwan
Name and address of the factory <i>Note: When more than one factory, please report on page 2</i>	MEAN WELL Enterprises Co., Ltd. No.28, Wuquan 3rd Rd., Wugu District, New Taipei City 24891 Taiwan
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on page 2 100-240 Vac, 50/60 Hz, 2.2 A 100-240 Vac, 50/60 Hz, 2.8 A See test report for details
Trademark / Brand (if any)	
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	ENC-180-x, ENC-240-x, ENP-180-x, ENP-240-12BC, ENP-240-x See Page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. <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	E183223-4789168092-1 Am1 issued on 2020-12-16

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

Date: 2020-12-22
Original Issue Date: 2020-02-20

Signature:


Jan-Erik StorgaardFor full legal entity names see www.ul.com/ncbnames

Model Details:

ENC-180-x,ENC-240-x,ENP-180-x,ENP-240-12BC,ENP-240-x (x can be 12, 24 or 48)

Factories:

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
China

MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD HUADU BRANCH.

No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou Guangdong 510890
China

YONGDEN TECHNOLOGY CORPORATION

345 MacArthur HighWay Tabang, Guiguinto, Bulacan, 3015
Philippines

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) To add a Model ENP-240-12BC for adding a secondary circuit and PWB layout for additional output +B/-B 13.6 Vdc / 1.5 A.
- (2) To alternate a circuit diagram, PWB layout and Heat sink for Model ENP-240-12BC.
- (3) To add an additional output +B/-B of 13.6 Vdc / 1.5 A and reduce the output current of +V/-V 13.8 Vdc from 17.4 A to 13.5 A for Model ENP-240-12BC.
- (4) To alternate an enclosure shape and the shape of output connector for Model ENP-240-12BC.
- (5) To change temp. limit of LF2 from 105 to 130°C.
- (6) To add the source of Thermal Pad for all models.
- (7) To add the evaluation of National Differences for J62368-1 (2020).
- (8) To add the description of National Differences for BS EN 62368-1:2014+A11:2017.
- (9) To correct typo of tables 4.1.2 (for C23 and C31), 5.7.2.2, 5.7.4 (for C23) and B.2.6 (for Model ENP-240-12).
- (10) To add 7 sources of X-Capacitor (C1, C2).

Additional information (if necessary)



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UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK



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CB SCHEME

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Product

Switching Power Supply

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Name and address of the factory

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

 Additional Information on page 2

Ratings and principal characteristics

Input rating:
100-240 Vac, 50/60 Hz, 2.2 A
100-240 Vac, 50/60 Hz, 2.8 A
See test report for details

Trademark / Brand (if any)



Type of Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

ENC-180-x, ENC-240-x, ENP-180-x, ENP-240-x
See Page 2

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

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E183223-4789168092-1 original issued on 2020-02-20

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Ref. Certif. No.

DK-93394-UL

Model Details:

ENC-180-x,ENC-240-x,ENP-180-x,ENP-240-x (x can be 12, 24 or 48)

Factories:

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