

**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

MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248,  
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)



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

Model / Type Ref.

NMP650-aaaa-xx, See Page 2

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

2008052-1-CB-M1 issued on 2020-12-08

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: 2020-12-15

Original Issue Date: 2018-08-21

Signature:

Jan-Erik Storgaard

**Model Details:**

NMP650-aaaa-xx

a = C, D, E, H, K or # for code of different power module;

x = 0-9 for marketing purpose

**Power modules:**

NMS-240-05, NMS-240-12, NMS-240-24, NMS-240-48, NMD-240

**Factories:**

MEAN WELL (Guangzhou) Electronics Co., Ltd Huadu Branch

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

MEAN WELL USA INC

6655 Troost Ave, Kansas City, MO 64131, USA

**Ratings:**
**Input:**

100-109Vac, 50/60Hz, 6.9-6.3A

110-240Vac, 50/60Hz, 7.5-3.5A

**Output:**

Code C is represented NMS-240-05: 5Vdc, 36A

Code E is represented NMS-240-12: 12Vdc, 20A

Code H is represented NMS-240-24: 24Vdc, 10A

Code K is represented NMS-240-48: 48Vdc, 5A

Code D is represented NMD-240: V1: 30Vdc, 5A; V2:

30Vdc, 5A, combined power 240W max.

Total output power: 520W max. (for input 100-109Vac)

Total output power: 650W max. (for input 110-240Vac)

Output for Model NMS-240-05: 5Vdc, 36A

Output for Model NMS-240-12: 12Vdc, 20A

Output for Model NMS-240-24: 24Vdc, 10A

Output for Model NMS-240-48: 48Vdc, 5A

Output for Model NMD-240: V1: 30Vdc, 5A; V2: 30Vdc,

5A, combined power 240W max.

**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. Addition of alternate power module and relates output rating.
2. Addition Model.
3. Correction output rating description.
4. Update National Differences.
5. Addition alternate component source.
6. Addition Factories.
7. Correction Applicant's and Manufacturer's Address.
8. correct EN standard on certificate.

**Additional information (if necessary)**


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

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See Page 2



Trademark (if any)

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

Model / Type Ref.

NMP650-aaaa-xx  
See Page 2

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

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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

1805050-1-CB issued on 2018-08-16

This CB Test Certificate is issued by the National Certification Body



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- ☒ UL (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK
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Date: 2018-08-21

Signature:

Jan-Erik Storgaard

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**Power modules:**

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215152,  
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**Ratings:**
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110-240Vac, 50/60Hz, 7.5-3.5A

**Output:**

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Output for Model NMS-240-12: 12Vdc, 20A

Output for Model NMS-240-24: 24Vdc, 10A

Output for Model NMS-240-48: 48Vdc, 5A

**Additional Information:**

Additionally evaluated to EN 60950-1:2006 /A11:2009 /A12:2010/ A2:2013.

National Difference specified in the CB Test Report

**Additional information (if necessary)**


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Jan-Erik Storgaard