

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

## CB TEST CERTIFICATE

Product	Medical Type 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	
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on page 2 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. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005
As shown in the Test Report Ref. No. which forms part of this Certificate	2008052-3-CB-M1 issued on 2021-01-12

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: 2021-01-19  
Original Issue Date: 2017-11-20

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-68285-M1-UL**

**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:**

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.

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

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

Risk Management was not included in this investigation

Additionally evaluated to EN60601-1: 2006/A1:2013/A12:2014; 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 NMD-240D.
2. Addition alternate source for insulation sheet for power module.
3. Add factories.
4. Correction Applicant's and Manufacturer's Address.
5. Update Model/Type reference and Rating.

**Additional information (if necessary)**



UL (US), 333 Pflingsten Rd IL 60062, Northbrook, USA

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

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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 Dist., New Taipei City 248, Taiwan. <input checked="" type="checkbox"/> Additional Information on page 2
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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)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60601-1(ed.3), IEC 60601-1(ed.3);am1
As shown in the Test Report Ref. No. which forms part of this Certificate	1708028-1-CB issued on 2017-11-15

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK
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Ref. Certif. No.

**DK-68285-UL**

**Model Details:**

NMP650-aaaa-xx

a = C, E, H, K or # for different power module,  
x = 0-9 for marketing purpose.

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

**Ratings:**

**Input:**

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

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

**Output:**

With power module NMS-240-05: 5Vdc, 36A

With power module NMS-240-12: 12Vdc, 20A

With power module NMS-240-24: 24Vdc, 10A

With power module NMS-240-48: 48Vdc, 5A

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

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

**Additional Information:**

Risk Management was not included in this investigation.

Additionally evaluated to EN 60601-1:2006 / A1: 2013 / A12:2014.

National Difference specified in the CB Test Report.

**Additional information (if necessary)**



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