



Ref. Certif. No.

**DK-138879-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 3 <sup>RD</sup> 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 District, New Taipei City 24891, Taiwan
Note: When more than one factory, please report on page 2	<input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Ratings and principal characteristics	For model (1) NPB-120-12TB, NPB-120-12AD1, NPB-120-12XLR, (2) NPB-120-24TB, NPB-120-24AD1, NPB-120-24XLR, (3) NPB-120-48TB, NPB-120-48AD1, NPB-120-48XLR Input: 100-240 Vac, 50/60 Hz, 1.5 A <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2-3</a> MEAN WELL
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	NPB-120-12TB, NPB-120-12AD1, NPB-120-12XLR, <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020 The report was revised to include technical modifications. National Differences: EU Group Differences, AU, CA, CN, NZ, SA, US <input checked="" type="checkbox"/> <a href="#">Additional Information on page 3</a>
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E183223-A6104-CB-1 issued on 2024-06-21

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pflugsten Rd IL 60062, Northbrook, USA
- UL Solutions (Denko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (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: 2024-06-21  
Original Issue Date: 2023-03-17

Signature:   
Thomas Wilson



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**DK-138879-M1-UL**

**Factory(ies):**

MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD  
No.11 Jingu South Road,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,  
China

YONGDEN TECHNOLOGY CORPORATION  
345 MacArthur Highway, Tabang, Guiguinto, Bulacan 3015,  
Philippines

SuZhou MEAN WELL Technology Co., Ltd.  
No.269, Changping Rd, Huangdai Town Xiangcheng District, Suzhou, Jiangsu, 215152,  
China

MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED  
9C, Peenya industrial area, Chokkasandra, 2ND PHASE, PEENYA, Bengaluru (Bangalore) Urban, Karnataka, 560058,  
India

**Additional Model Detail(s):** NPB-120-24TB, NPB-120-24AD1, NPB-120-24XLR, NPB-120-48TB, NPB-120-48AD1,  
NPB-120-48XLR, NPB-240-12TB, NPB-240-12AD1, NPB-240-12XLR, NPB-240-24TB, NPB-240-24AD1, NPB-240-24XLR,  
NPB-240-48TB, NPB-240-48AD1, NPB-240-48XLR, NPB-360-12TB, NPB-360-12AD1, NPB-360-12XLR, NPB-360-24TB,  
NPB-360-24AD1, NPB-360-24XLR, NPB-360-48TB, NPB-360-48AD1, NPB-360-48XLR

**Additional Ratings:**

Output  
(1) 14.4 Vdc, 6.8 A  
(2) 28.8 Vdc, 4 A  
(3) 57.6 Vdc, 2 A

For model  
(1) NPB-240-12TB, NPB-240-12AD1, NPB-240-12XLR,  
(2) NPB-240-24TB, NPB-240-24AD1, NPB-240-24XLR,  
(3) NPB-240-48TB, NPB-240-48AD1, NPB-240-48XLR

Input:  
100-240 Vac, 50/60 Hz, 3.0 A

Output  
(1) 14.4 Vdc, 13.5 A  
(2) 28.8 Vdc, 8 A  
(3) 57.6 Vdc, 4 A

**Additional information (if necessary)**



- UL Solutions (US), 333 Pflingsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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**Additional Ratings:**

For model

- (1) NPB-360-12TB, NPB-360-12AD1, NPB-360-12XLR,
- (2) NPB-360-24TB, NPB-360-24AD1, NPB-360-24XLR,
- (3) NPB-360-48TB, NPB-360-48AD1, NPB-360-48XLR

Input:

100-240 Vac, 50/60 Hz, 4.5 A

Output

- (1) 14.4 Vdc, 20.0 A
- (2) 28.8 Vdc, 12 A
- (3) 57.6 Vdc, 6 A

**Summary of Modifications:**

Add three alternate relay sources for NPB-360 series; Add alternate Choke (LF3) TR-548A-R0; Updates to National Differences; See CB Test Report for details.

**Additional information (if necessary)**



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**CB TEST CERTIFICATE**

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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	<input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Ratings and principal characteristics	Input: 100-240 Vac, 50/60 Hz, 1.5 A <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2-3</a>
Trademark / Brand (if any)	MEAN WELL 
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	NPB-120-12TB, NPB-120-12AD1, NPB-120-12XLR <input checked="" type="checkbox"/> <a href="#">Additional Information on page 2</a>
Additional information (if necessary may also be reported on page 2)	<b>Additionally evaluated to:</b> EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020 National Difference specified in the CB Test Report. <input type="checkbox"/> <a href="#">Additional Information on page 2</a>
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E183223-A6104-CB-1 issued on 2023-03-17

This CB Test Certificate is issued by the National Certification Body



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9C, Peenya industrial area, Chokkasandra, 2ND PHASE, PEENYA, Bengaluru (Bangalore) Urban, Karnataka, 560058,  
India

**Additional Model Detail(s):**

NPB-120-12TB, NPB-120-12AD1, NPB-120-12XLR,  
NPB-120-24TB, NPB-120-24AD1, NPB-120-24XLR,  
NPB-120-48TB, NPB-120-48AD1, NPB-120-48XLR,  
NPB-240-12TB, NPB-240-12AD1, NPB-240-12XLR,  
NPB-240-24TB, NPB-240-24AD1, NPB-240-24XLR,  
NPB-240-48TB, NPB-240-48AD1, NPB-240-48XLR,  
NPB-360-12TB, NPB-360-12AD1, NPB-360-12XLR,  
NPB-360-24TB, NPB-360-24AD1, NPB-360-24XLR,  
NPB-360-48TB, NPB-360-48AD1, NPB-360-48XLR

**Additional Ratings:**

For model

- (1) NPB-120-12TB, NPB-120-12AD1, NPB-120-12XLR,
- (2) NPB-120-24TB, NPB-120-24AD1, NPB-120-24XLR,
- (3) NPB-120-48TB, NPB-120-48AD1, NPB-120-48XLR

Input:

100-240 Vac, 50/60 Hz, 1.5 A

Output

- (1) 14.4 Vdc, 6.8 A
- (2) 28.8 Vdc, 4 A
- (3) 57.6 Vdc, 2 A

**Additional information (if necessary)**



- UL Solutions (US), 333 Pflingsten Rd IL 60062, Northbrook, USA
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- UL Solutions (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
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Date: 2023-03-17

Signature:

Jan-Erik Storgaard



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**Additional Ratings:**

For model

- (1) NPB-240-12TB, NPB-240-12AD1, NPB-240-12XLR,
- (2) NPB-240-24TB, NPB-240-24AD1, NPB-240-24XLR,
- (3) NPB-240-48TB, NPB-240-48AD1, NPB-240-48XLR

Input:

100-240 Vac, 50/60 Hz, 3.0 A

Output

- (1) 14.4 Vdc, 13.5 A
- (2) 28.8 Vdc, 8 A
- (3) 57.6 Vdc, 4 A

For model

- (1) NPB-360-12TB, NPB-360-12AD1, NPB-360-12XLR,
- (2) NPB-360-24TB, NPB-360-24AD1, NPB-360-24XLR,
- (3) NPB-360-48TB, NPB-360-48AD1, NPB-360-48XLR

Input:

100-240 Vac, 50/60 Hz, 4.5 A

Output

- (1) 14.4 Vdc, 20.0 A
- (2) 28.8 Vdc, 12 A
- (3) 57.6 Vdc, 6 A

**Additional information (if necessary)**



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