



Ref. Certif. No.

**DK-172746-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 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

☒ Additional Information on page 2

Ratings and principal characteristics

NSP-500-5  
Input: 100-240Vac, 5.5-2.3A, 50/60Hz or 277Vac, 2.0A, 50/60Hz  
Output: +5Vdc, 90A☒ Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

NSP-500-xzzzz, x=5,12,15,24,27,36,48,60,z=may be blank,-, 0~9,A~Z, a~z  
for market purpose

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

The report was revised to include technical modifications.  
National Differences: AU, CA, CN, EU Group Differences, JP, NZ, KR, SA, US☒ Additional Information on page 2

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-A6176-CB-1 issued on 2025-12-18

This CB Test Certificate is issued by the National Certification Body



- ☐ UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL Solutions (Denmark), 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: 2025-12-19

Original Issue Date: 2025-11-04

Signature:

  
Thomas Wilson



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**DK-172746-M1-UL**

**Factory(ies):**

Suzhou Mean Well Technology Co Ltd  
No.269, Changping Road, Huangdai Town Xiangcheng District Suzhou, Jiangsu, 215152  
China

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

MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED  
9c Peenya Industrial Area Chokkasandra 2nd Phase Peenya Bengaluru (Bangalore) Urban, Karnataka 560058  
India

YONGDEN TECHNOLOGY CORP  
345 Macarthur Hwy, Tabang Guiguinto, Bulacan, 3015  
Philippines

**Additional Ratings:**

NSP-500-12

Input: 100-240Vac, 6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz

Output: +12Vdc, 42A

NSP-500-15

Input: 100-240Vac, 6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz

Output: +15Vdc, 33.4A

NSP-500-24

Input: 100-240Vac, 6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz

Output: +24Vdc, 21A

NSP-500-27

Input: 100-240Vac, 6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz

Output: +27Vdc, 18.6A

NSP-500-36

Input: 100-240Vac, 6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz

Output: +36Vdc, 13.9A

NSP-500-48

Input: 100-240Vac, 6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz

Output: +48Vdc, 10.5A

NSP-500-60

Input: 100-240Vac, 6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz

Output: +60Vdc, 8.4A

**Additionally evaluated to:**

EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020

**Summary of Modifications:**

1. Revise Technical data of DC Fan (item 21, 21a) from min. 6.11CFM to min. 8.42CFM in critical components list
2. Add Transformer (T2) - Triple Insulated Wire (item 33-8, 33-8a) in critical components list
3. Revise information of Fuse (FS1/FS2) (item 04a to 04c) in critical components list
4. Delete Fuse (FS1/FS2) (item 04d) in critical components list

**Additional information (if necessary)**



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- ☒ 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
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Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

NSP-500-xzzzz  
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Additional information (if necessary may also be reported on page 2)

National Differences: AU, CA, CN, EU Group Differences, JP, NZ, KR, SA, US

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

MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED  
9c Peenya Industrial Area Chokkasandra 2nd Phase Peenya Bengaluru (Bangalore) Urban, Karnataka 560058  
India

YONGDEN TECHNOLOGY CORP  
345 Macarthur Hwy, Tabang Guiguinto, Bulacan, 3015  
Philippines

**Additional Model Detail(s):**

NSP-500-xzzzz, x=5,12,15,24,27,36,48,60,z=may be blank,-, 0~9,A~Z, a~z for market purpose

**Additional Ratings:**

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Output: +15Vdc, 33.4A

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Output: +24Vdc,21A

NSP-500-27

Input: 100-240Vac,6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz  
Output: +27Vdc, 18.6A

NSP-500-36

Input: 100-240Vac,6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz  
Output: +36Vdc, 13.9A

NSP-500-48

Input: 100-240Vac,6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz  
Output: +48Vdc, 10.5A

NSP-500-60

Input: 100-240Vac,6.5-2.6A, 50/60Hz or 277V ac, 2.2A, 50/60Hz  
Output: +60Vdc, 8.4A

**Additionally evaluated to:**

EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020

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