



Ref. Certif. No.

**DK-165271-UL**

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

**CB TEST CERTIFICATE**

Product

DC-DC Converter

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

DDR-120A-12  
Input: 9-18 Vdc, 13.5 A,  
Output: 12 Vdc, 7.1 A (9-10.8 Vin), 12 Vdc, 8.3 A (10.8-18 Vin),  
☒ [Additional Information on page 2 and 3](#)

Trademark / Brand (if any)

Mean Well



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

DDR-120x-y  
☒ [Additional Information on page 2](#)

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

National Differences: AU, CA, CN, EU Group Differences, JP, NZ, KR, SA, US  
☒ [Additional Information on page 3](#)

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-A6156-CB-1 issued on 2025-04-16

This CB Test Certificate is issued by the National Certification Body



- ☐ UL Solutions (US), 333 Pfingsten 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: 2025-04-16

Signature:

Thomas Wilson



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**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

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

**Additional Model Detail(s):**

DDR-120x-y,  
x = A, B, C or D for input voltage range,  
y = 12, 24 or 48 which denoted for output voltage.

**Additional Ratings:**

DDR-120A-24  
Input: 9-18 Vdc, 13.5A,  
Output: 24 Vdc, 3.6 A (9-10.8 Vin), 24 Vdc, 4.2 A (10.8-18 Vin),

DDR-120A-48  
Input: 9-18 Vdc, 13.5A,  
Output: 48 Vdc, 1.8 A (9-10.8 Vin), 48 Vdc, 2.1 A (10.8-18 Vin),

DDR-120B-12  
Input: 16.8-33.6 Vdc, 9 A,  
Output: 12 Vdc, 9 A (16.8-21.6 Vin), 12 Vdc, 10 A (21.6-33.6 Vin),

DDR-120B-24  
Input: 16.8-33.6 Vdc, 9 A,  
Output: 24 Vdc, 4.5 A (16.8-21.6 Vin), 24 Vdc, 5 A (21.6-33.6 Vin),

DDR-120B-48  
Input: 16.8-33.6 Vdc, 9 A,  
Output: 48 Vdc, 2.3 A (16.8-21.6 Vin), 48 Vdc, 2.5 A (21.6-33.6 Vin),

DDR-120C-12  
Input: 33.6-67.2 Vdc, 4.5 A.  
Output: 12 Vdc, 9 A (33.6-43.2 Vin), 12 Vdc, 10 A (43.2-67.2 Vin)

**Additional information (if necessary)**



☐ UL Solutions (US), 333 Pfingsten 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  
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DDR-120C-24

Input: 33.6-67.2 Vdc, 4.5 A.

Output: 24 Vdc, 4.5 A (33.6-43.2 Vin), 24 Vdc, 5 A (43.2-67.2 Vin)

DDR-120C-48

Input: 33.6 - 67.2 Vdc, 4.5 A.

Output: 48 Vdc, 2.3 A (33.6-43.2 Vin), 48 Vdc, 2.5 A (43.2-67.2 Vin)

DDR-120D-12

Input: 67.2-154 Vdc, 2.5 A

Output: 12 Vdc, 9 A (67.2-86.4 Vin), 12 Vdc, 10 A (86.4-154 Vin)

DDR-120D-24

Input: 67.2-154 Vdc, 2.5 A

Output: 24 Vdc, 4.5 A (67.2-86.4 Vin), 24 Vdc, 5 A (86.4-154 Vin)

DDR-120D-48

Input: I/P: 67.2-154 Vdc, 2.5 A

Output: 48 Vdc, 2.3 A (67.2-86.4 Vin), 48 Vdc, 2.5 A (86.4-154 Vin)

**Additionally evaluated to:**

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

**Additional information (if necessary)**



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