



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 ☒ Additional Information on page 2
Note: When more than one factory, please report 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 (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

For full legal entity names see 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 (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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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

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