



Ref. Certif. No.

DK-96693-M1-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 DIST., NEW TAIPEI CITY 248 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"/> Additional Information on page 2 |
| Ratings and principal characteristics | For Model RSD-500B-12: Input: 16.8 - 33.6 Vdc, 30A Output: 12Vdc, 35A <input checked="" type="checkbox"/> Additional Information on page 2 and 3 |
| Trademark / Brand (if any) | Mean Well or  |
| Customer's Testing Facility (CTF) Stage used | CTF Stage 2 |
| Model / Type Ref. | RSD-500x-y (where x can be B, C or D for input voltage range, y can be 12, 24 or 48 which denoted for output voltage) |
| Additional information (if necessary may also be reported on page 2) | Additionally evaluated to: EN 62368-1:2014, EN 62368-1:2014/A11:2017 The report was revised to include technical modifications. National Differences: EU Group Differences, AU, CA, JP, NZ, US <input checked="" type="checkbox"/> Additional Information on page 3 |
| A sample of the product was tested and found to be in conformity with | IEC 62368-1:2014 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | E183223-A6019-CB-1 issued on 2023-06-05 |

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: 2023-06-05
Original Issue Date: 2020-05-05

Signature: Thomas Wilson



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Factory(ies):

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.

MEAN WELL (GUANGZHOU) ELECTRONICS CO.,LTD HUADU BRANCH.
NO.11 JINGU SOUTH ROAD, HUADONG TOWN, HUADU DISTRICT, GUANGZHOU GUANGDONG 510890,
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 Ratings:

For Model RSD-500B-24:
Input: 16.8 - 33.6 Vdc, 30A
Output: 24 Vdc, 17.5A

For Model RSD-500B-48:
Input: 16.8 - 33.6 Vdc, 30A
Output: 48 Vdc, 8.8A

For Model RSD-500C-12:
Input: 33.6 - 67.2 Vdc, 18A
Output: 12Vdc, 35A

For Model RSD-500C-24:
Input: 33.6 - 67.2 Vdc, 18A
Output: 24 Vdc, 19.2A

Additional information (if necessary)



- UL Solutions (US), 333 Pflugsten Rd IL 60062, Northbrook, USA
- UL Solutions (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
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Additional Ratings:

For Model RSD-500C-48:
Input: 33.6 - 67.2 Vdc, 18A
Output: 48 Vdc, 9.6A

For Model RSD-500D-12:
Input: 67.2 - 154 Vdc, 10A
Output: 12Vdc, 35A

For Model RSD-500D-24:
Input: 67.2 - 154 Vdc, 10A
Output: 24 Vdc, 20.8A

For Model RSD-500D-48:
Input: 67.2 - 154 Vdc, 10A
Output: 48 Vdc, 10.4A

Summary of Modifications:

Adding new source of Y-capacitor(C4) (Optional)(item 09a to 09c) and update Varistor (ZNR1) in critical components list;
Add new factory

Additional information (if necessary)



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| Ratings and principal characteristics | See Page 2 |
| Trademark / Brand (if any) | Mean Well or  |
| Type of Customer's Testing Facility (CTF) Stage used | CTF Stage 2 |
| Model / Type Ref. | RSD-500x-y (where x can be B, C or D for input voltage range; y can be 12, 24 or 48 which denoted for output voltage) |
| Additional information (if necessary may also be reported on page 2) | <input checked="" type="checkbox"/> Additional Information on page 2 |
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| As shown in the Test Report Ref. No. which forms part of this Certificate | E183223-A6019-CB-1 issued on 2020-05-04 |

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Date: 2020-05-05

Signature:

Jan-Erik Storgaard



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Output: 24 Vdc, 17.5A

For Model RSD-500B-48:
Input: 16.8 - 33.6 Vdc, 30A
Output: 48 Vdc, 8.8A

For Model RSD-500C-12:
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Output: 12Vdc, 35A

For Model RSD-500C-24:
Input: 33.6 - 67.2 Vdc, 18A
Output: 24 Vdc, 19.2A

For Model RSD-500C-48:
Input: 33.6 - 67.2 Vdc, 18A
Output: 48 Vdc, 9.6A

For Model RSD-500D-12:
Input: 67.2 - 154 Vdc, 10A
Output: 12Vdc, 35A

For Model RSD-500D-24:
Input: 67.2 - 154 Vdc, 10A
Output: 24 Vdc, 20.8A

For Model RSD-500D-48:
Input: 67.2 - 154 Vdc, 10A
Output: 48 Vdc, 10.4A

Additional Information:

Additionally evaluated to EN 62368-1:2014 / A11:2017
National Difference specified in the CB Test Report

Additional information (if necessary)



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Date: 2020-05-05

Signature:
Jan-Erik Storgaard