



Ref. Certif. No.

DK-87429-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 <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	Input: 100-240 Vac, 50/60 Hz, 0.5 A <input checked="" type="checkbox"/> Additional Information on page 2
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 1
Model / Type Ref.	HDR-15-x <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to: EN 62368-1:2014, EN 62368-1:2014/A11:2017 National Differences specified in the CB Test Report. The report was revised to include technical modifications. <input checked="" type="checkbox"/> Additional Information on page 2
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	221102102 issued on 2022-12-13

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: 2022-12-14
Original Issue Date: 2019-09-05

Signature: Jan-Erik Storgaard



Ref. Certif. No.

DK-87429-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.269, Changping Rd, Huangdai Town Xiangcheng District, Suzhou, Jiangsu, 215152, 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 CORP
345 Macarthur Hwy, Tabang, Guiguinto, Bulacan, 3015, Philippines.

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

Additional Model Detail(s):

HDR-15-x, (x=5, 12, 15, 24 or 48)

Additional Ratings:

Input:

100-240 Vac, 50/60 Hz, 0.5 A

Output:

(1) 5 Vdc, 2.4 A (HDR-15-5) (Voltage Adj. range: 4.5-5.5 V, Max. 2.4 A, Max. 12 Watt)

(2) 12 Vdc, 1.25 A (HDR-15-12) (Voltage Adj. range: 10.8-13.8 V, Max. 1.25 A, Max. 15 Watt)

(3) 15 Vdc, 1.0 A (HDR-15-15) (Voltage Adj. range: 13.5-18 V, Max.1.0A, Max. 15 Watt)

(4) 24 Vdc, 0.63 A (HDR-15-24) (Voltage Adj. range: 21.6-29 V, Max.0.63 A, Max. 15.2 Watt)

(5) 48 Vdc, 0.32 A (HDR-15-48) (Voltage Adj. range: 43.2-55.2 V, Max. 0.32 A, Max. 15.4 Watt)

See test report for details.

Summary of Modifications:

1. Add new transformer source for all models, see test report for details.
2. Add a schematic diagram and PWB layout for new PWM IC (U1) source for all models.
3. Modified the rated of current sensing resistor (R3) from min. 0.82 Ω to min. 0.62 Ω for all models.
4. Update applicant, manufacturer, and factories information.
5. Updated the attachments of national differences.
6. Update Summary of compliance with National Differences.
7. Correct the transformer model name in the model differences table, due to typo.

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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Date: 2022-12-14

Signature:

Original Issue Date: 2019-09-05

Jan-Erik Storgaard

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 <i>Note: When more than one factory, please report on page 2</i>	MEAN WELL Enterprises Co., Ltd. No.28, Wuquan 3rd Rd., Wugu District, New Taipei City 24891, Taiwan <input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 1
Model / Type Ref.	HDR-15-x See Page 2
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to EN 62368-1:2014/A11:2017; National Differences specified in the CB Test Report. <input type="checkbox"/> Additional Information on page 2
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	E183223-4789078058-1 Original issued on 2019-09-02

This CB Test Certificate is issued by the National Certification Body



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

Date: 2019-09-05

Signature:



Jan-Erik Storgaard

For full legal entity names see www.ul.com/ncbnames



Ref. Certif. No.

DK-87429-UL

Model Details:

HDR-15-x (x=5, 12, 15, 24or 48)

Factories:

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

Ratings:

Input:

100-240Vac, 50/60Hz, 0.5A

Output:

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Additional information (if necessary)



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

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Date: 2019-09-05

Signature:

Jan-Erik Storgaard