



Ref. Certif. No.

DK-88539-M3-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

100-120Vac, 4.0A, 200-240Vac, 2.0A, 50/60Hz for model: LRS-200-x.  
See test report for details.

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

LRS-200-x, LRS-350-x, LRS-200N2-y, LRS-350N2-y  
 [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  
The report was revised to include technical modifications.  
National Differences: EU Group Differences, AU, CA, JP, NZ, US  
 [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

E183223-4788766236-1 A3 issued on 2024-03-26

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](http://www.ul.com/ncbnames)

Date: 2024-03-26  
Original Issue Date: 2019-10-15

Signature: Thomas Wilson



Ref. Certif. No.

**DK-88539-M3-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

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):**

LRS-200-x, LRS-350-x, (x=3.3, 4.2, 5, 12, 15, 24, 36, 48)  
LRS-200N2-y, LRS-350N2-y, (y=12, 24, 36, 48)

**Summary of Modifications:**

- Alternative a source of Terminal Block (TB1)
- Alternative two sources of Bridge Diode (BD1) and correction the Manufacturer name
- Alternative a source of Silicon Rubber (provided between Q1/Q2 and chassis)
- Alternative two sources of Bobbin for LF1(LF-6048)

**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
- UL Solutions (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

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Date: 2024-03-26  
Original Issue Date: 2019-10-15

Signature:

Thomas Wilson



Ref. Certif. No.

DK-88539-M2-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

100-120Vac, 4.0A, 200-240Vac, 2.0A, 50/60Hz for model: LRS-200-x.  
See test report for details.

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

LRS-200-x, LRS-350-x, LRS-200N2-y, LRS-350N2-y

[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  
The report was revised to include technical modifications.  
National Differences: EU Group Differences, AU, CA, JP, NZ, US  
[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

E183223-4788766236-1 A2 issued on 2023-09-25

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](http://www.ul.com/ncbnames)

Date: 2023-09-27

Signature:

Original Issue Date: 2019-10-15

Thomas Wilson



Ref. Certif. No.

**DK-88539-M2-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

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):**

LRS-200-x, LRS-350-x, (x=3.3, 4.2, 5, 12, 15, 24, 36, 48)  
LRS-200N2-y, LRS-350N2-y, (y=12, 24, 36, 48)

**Summary of Modifications:**

- 1) Add models LRS-200N2-y, LRS-350N2-y (y=12, 24, 36, 48) with new ratings.;
- 2) For new models, add new Circuit (LRS-200-350N2) and PWB layout (LRS-350N2).;
- 3) Add alternative insulation tubing/Sleeving (for fan wire);
- 4) for new models, add Fuse (FS1), Varistor (ZNR1), Bridge Diode (BD1), Line Filter(LF1), Electrolytic capacitor (C5,C6), Heat sink (J114) Current Resistor (R18,R19) and DC fan in Critical component list.;
- 5) Delete alternative Insulation Mylar Sheet (Between bottom metal chassis and main PCB) DFR117 and DFR117ECOB, and delete Fuse (F1) model GBP.;
- 6) Correct the Mylar Sheet (Between bottom metal chassis and main PCB)'s EFR95 rating from 80 degree C to 130 degree C.;
- 7) Correct the rating from 85 degree C to 105 degree C for Varistor (ZNR1) CNR-14D471K, TVR10471, TVR14471, TVR10471-V, TVR14471-V, TVR10471-D, TVR14471-D due to typo.;
- 8) Update factory information.

**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

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2023-09-27  
Original Issue Date: 2019-10-15

Signature:

Thomas Wilson

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	
Ratings and principal characteristics	<input checked="" type="checkbox"/> Additional Information on page 2  Input: 100-120Vac, 4.0A, 200-240Vac, 2.0A, 50/60Hz for model LRS-200-x 100-120Vac, 6.8A, 200-240Vac, 3.4A, 50/60Hz for model LRS-350-x Output: See test report for details.
Trademark / Brand (if any)	
Type of Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	LRS-200-x, LRS-350-x See Page 2
Additional information (if necessary may also be reported on page 2)	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	E183223-4788766236-1 A1 issued on 2020-07-09

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

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)Date: 2020-07-14  
Original Issue Date: 2019-10-15

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-88539-M1-UL**

**Model Details:**

LRS-200-x,LRS-350-x (x=3.3, 4.2, 5, 12, 15, 24, 36, 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

**Additional Information:**

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

The original report was modified to include the following changes/ additions:

Add alternate Bleeder resistor(R1,R2), Optical Isolator (U2, U3), Bridge Diode (BD1) and DC Fan (for Models LRS-350-x series), refer to table 4.1.2 for detail.

Delete an alternate DC Fan, and modify a bit of the description in Table 4.1.2, refer to table 4.1.2 for detail.

**Additional information (if necessary)**



UL (US), 333 Pflingsten 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

For full legal entity names see [www.ul.com/names](http://www.ul.com/names)

Date: 2020-07-14

Original Issue Date: 2019-10-15

Signature:

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

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

Input:  
100-120Vac, 4.0A, 200-240Vac, 2.0A, 50/60Hz for model  
LRS-200-x  
100-120Vac, 6.8A, 200-240Vac, 3.4A, 50/60Hz for model  
LRS-350-x  
Output: See test report for details.

## Trademark / Brand (if any)



## Type of Customer's Testing Facility (CTF) Stage used

CTF Stage 2

## Model / Type Ref.

LRS-200-x, LRS-350-x (x=3.3, 4.2, 5, 12, 15, 24, 36, 48)

## 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.

 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

E183223-4788766236-1 original issued on 2019-10-08

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pflugsten 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

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2019-10-15

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-88539-UL**

**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

**Additional information (if necessary)**



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

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2019-10-15

Signature:

Jan-Erik Storgaard