

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

Note: When more than one factory, please report on page 2

MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd., Wugu District, New Taipei City 24891,
Taiwan 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.

LRS-100-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.

 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

E183223-4788385268-1 original issued on 2019-06-19

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

Date: 2019-06-20

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-84778-UL

Model Details:

LRS-100-x (x=3.3, 5, 12, 15, 24, 36 or 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:

I/P: 100-240Vac, 50/60Hz, 2.1A

O/P:

- LRS-100-3.3: +3.3 Vdc, 20 A
- LRS-100-5: +5 Vdc, 18 A
- LRS-100-12: +12 Vdc, 8.5 A
- LRS-100-15: +15 Vdc, 7 A
- LRS-100-24: +24 Vdc, 4.5 A
- LRS-100-36: +36 Vdc, 2.8 A
- LRS-100-48: +48 Vdc, 2.3 A

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

Date: 2019-06-20

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-84778-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

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

I/P: 100-240Vac, 50/60Hz, 2.1A
 Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

LRS-100-x, LRS-100-24GWT
 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 Difference specified in the CB Test Report
The report was revised to include technical modifications.
 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

E183223-4788385268-1 Amendment 1 issued on 2022-11-04

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: 2022-11-04
Original Issue Date: 2019-06-20

Signature:
Jan-Erik Storgaard



Ref. Certif. No.

DK-84778-M1-UL

Factory(ies):

Suzhou Mean Well Technology Co Ltd
No.269, Changping Rd
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-100-x, x=3.3, 5, 12, 15, 24, 36 or 48. To denote the different output voltage. "3.3" means 3.3 Vdc "48" means 48 Vdc.

Additional Ratings:

O/P:
LRS-100-3.3: +3.3 Vdc, 20 A
LRS-100-5: +5 Vdc, 18 A
LRS-100-12: +12 Vdc, 8.5 A
LRS-100-15: +15 Vdc, 7 A
LRS-100-24GWT, LRS-100-24: +24 Vdc, 4.5 A
LRS-100-36: +36 Vdc, 2.8 A
LRS-100-48: +48 Vdc, 2.3 A

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

Date: 2022-11-04

Signature:

Original Issue Date: 2019-06-20

Jan-Erik Storgaard



Ref. Certif. No.

DK-84778-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

For LRS-100-x (x=3.3, 5, 12, 15, 24, 36 or 48), LRS-100-24GWT:
I/P: 100-240Vac, 50/60Hz, 2.1A

Additional Information on page 2

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 1

Model / Type Ref.

LRS-100-24GWT, LRS-100-x, LRS-100N2-x

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 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

E183223-4788385268-1 Amendment 2 issued on 2023-09-28

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: 2023-10-10

Original Issue Date: 2019-06-20

Signature:

Thomas Wilson



Ref. Certif. No.

DK-84778-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-100N2-x, (x=12, 24, 36, 48)

LRS-100-x, x=3.3, 5, 12, 15, 24, 36 or 48. To denote the different output voltage. "3.3" means 3.3 Vdc; "48" means 48 Vdc.

Additional Ratings:

O/P:
LRS-100-3.3: +3.3 Vdc, 20 A
LRS-100-5: +5 Vdc, 18 A
LRS-100-12: +12 Vdc, 8.5 A
LRS-100-15: +15 Vdc, 7 A
LRS-100-24GWT, LRS-100-24: +24 Vdc, 4.5 A
LRS-100-36: +36 Vdc, 2.8 A
LRS-100-48: +48 Vdc, 2.3 A

For LRS-100N2-x (x=12, 24, 36, 48):

Input: 100-240Vac, 50/60Hz, 2.4A

Output:

LRS-100N2-12: 12Vdc, 8.5A
LRS-100N2-24: 24Vdc, 4.2A
LRS-100N2-36: 36Vdc, 2.8A
LRS-100N2-48: 48Vdc, 2.1A

Additional information (if necessary)



- UL Solutions (US), 333 Pflugstein 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

Date: 2023-10-10
Original Issue Date: 2019-06-20

Signature:

Thomas Wilson



Ref. Certif. No.

DK-84778-M2-UL

Summary of Modifications:

1. Add new Models.
2. Change input current, reduce output current.
3. Change Tma to 40 degree C.
4. Alternate Transformer TF-5253A, TF-5255A, TF-5256A, TF-5257A.
5. Change fuse FS1 rating.
6. Change LF1 model to LF-6050.
7. Add C6, change C5 rating.
8. Slight change the schematic and PCB layout.
9. Alternate Bleeder resistor, capacitors, Insulation Sheet, Silicon Rubber, Triple Insulated Wire, Bobbin, Insulating Tape, Varnish.
10. Update the EU Group and National Differences.

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

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

Date: 2023-10-10
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Signature:

Thomas Wilson