




Ref. Certif. No.

DK-149134-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	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	LOP-400-12 Input: 100-240Vac, 4.8-2.1A, 50/60Hz <input checked="" type="checkbox"/> Additional Information on page 2-3
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	LOP-400-x, LOP-500-x <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. Evaluated to National or Group Differences for EU Group Differences, AU, CA, CN, JP, NZ, SA, 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 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E183223-A6126-CB-1 issued on 2026-05-08

This CB Test Certificate is issued by the National Certification Body



- UL Solutions (US), 333 Pfingsten 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: 2026-05-08
Original Issue Date: 2024-01-03

Signature: 
Thomas Wilson



Ref. Certif. No.

DK-149134-M1-UL

Factory(ies):

Suzhou Mean Well Technology Co Ltd
No 77, Jian-Min Road, Dong-Qiao, Pan-Yang Industrial 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 CORP
345 Macarthur Hwy, Tabang Guiguinto, Bulacan, 3015 Philippines

Suzhou Mean Well Technology Co Ltd
No.269, Changping Road, 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 Model Detail(s):

LOP-400-x, LOP-500-x, x=12, 15,18,24,27,36, 48 or 54

Additional Ratings:

LOP-400-12
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +12Vdc, 33.3A, 399.6W (20.8A, 249.6W W/O Cooling)

LOP-400-15
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +15Vdc, 26.7A, 400.5W (16.7A, 250.5W W/O Cooling)

LOP-400-18
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +18Vdc, 22.2A, 399.6W (13.9A, 250.2W W/O Cooling)

LOP-400-24
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +24Vdc, 16.7A, 400.8W (10.5A, 252W W/O Cooling)

LOP-400-27
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +27Vdc, 14.9A, 402.3W (9.3A, 251.1W W/O Cooling)

LOP-400-36
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +36Vdc, 11.2A, 403.2W (7.1A, 255.6W W/O Cooling)

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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Additional Ratings:

LOP-400-48

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +48Vdc, 8.4A, 403.2W (5.3A, 254.4W W/O Cooling)

LOP-400-54

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +54Vdc, 7.5A, 405W (4.75A, 256.5W W/O Cooling)

LOP-500-12

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +12Vdc, 41.6A, 499.2W (25A, 300W W/O Cooling)

LOP-500-15

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +15Vdc, 33.3A, 499.5W (20A, 300W W/O Cooling)

LOP-500-18

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +18Vdc, 27.8A, 500.4W (16.7A, 300.6W W/O Cooling)

LOP-500-24

Switching power supply/LOP-500-24

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +24Vdc, 20.9A, 501.6W (13.4A, 321.6W W/O Cooling)

LOP-500-27

Switching power supply/LOP-500-27

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +27Vdc, 18.5A, 499.5W (11.9A, 321.3W W/O Cooling)

LOP-500-36

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +36Vdc, 13.9A, 500.4W (8.9A, 320.4W W/O Cooling)

LOP-500-48

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +48Vdc, 10.4A, 499.2W (6.7A, 321.6W W/O Cooling)

LOP-500-54

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +54Vdc, 9.3A, 502.2W (6A, 324W W/O Cooling)

Evaluated to National Differences declared for:

EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020

Summary of Modifications:

Update Critical component list

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
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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	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	LOP-400-12 Input: 100-240Vac, 4.8-2.1A, 50/60Hz <input checked="" type="checkbox"/> Additional Information on page 2 and 3
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	LOP-400-x, LOP-500-x, x=12, 15,18,24,27,36, 48 or 54
Additional information (if necessary may also be reported on page 2)	Additionally evaluated to: EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020 National Differences: EU Group Differences, AU, CA, CN, JP, SA, SG, US <input type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E183223-A6126-CB-1 issued on 2024-01-02


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Factory(ies):

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China

MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD HUADU BRANCH.
No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou Guangdong 510890,
China

YONGDEN TECHNOLOGY CORP
345 Macarthur Hwy Tabang Guiguinto, Bulacan, 3015
Philippines

Suzhou Mean Well Technology Co Ltd
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China

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

Additional Ratings:

LOP-400-12
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +12Vdc, 33.3A, 399.6W (20.8A, 249.6W W/O Cooling)

LOP-400-15
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +15Vdc, 26.7A, 400.5W (16.7A, 250.5W W/O Cooling)

LOP-400-18
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +18Vdc, 22.2A, 399.6W (13.9A, 250.2W W/O Cooling)

LOP-400-24
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +24Vdc, 16.7A, 400.8W (10.5A, 252W W/O Cooling)

LOP-400-27
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +27Vdc, 14.9A, 402.3W (9.3A, 251.1W W/O Cooling)

Additional information (if necessary)



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Additional Ratings:

LOP-400-36

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +36Vdc, 11.2A, 403.2W (7.1A, 255.6W W/O Cooling)

LOP-400-48

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +48Vdc, 8.4A, 403.2W (5.3A, 254.4W W/O Cooling)

LOP-400-54

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +54Vdc, 7.5A, 405W (4.75A, 256.5W W/O Cooling)

LOP-500-12

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +12Vdc, 41.6A, 499.2W (25A, 300W W/O Cooling)

LOP-500-15

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +15Vdc, 33.3A, 499.5W (20A, 300W W/O Cooling)

LOP-500-18

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +18Vdc, 27.8A, 500.4W (16.7A, 300.6W W/O Cooling)

LOP-500-24

Switching power supply/LOP-500-24

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +24Vdc, 20.9A, 501.6W (13.4A, 321.6W W/O Cooling)

LOP-500-27

Switching power supply/LOP-500-27

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +27Vdc, 18.5A, 499.5W (11.9A, 321.3W W/O Cooling)

LOP-500-36

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +36Vdc, 13.9A, 500.4W (8.9A, 320.4W W/O Cooling)

LOP-500-48

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +48Vdc, 10.4A, 499.2W (6.7A, 321.6W W/O Cooling)

LOP-500-54

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +54Vdc, 9.3A, 502.2W (6A, 324W W/O Cooling)

Additional information (if necessary)



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IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Switching Power Supply
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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	<input checked="" type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	LOP-400-12 Input: 100-240Vac, 4.8-2.1A, 50/60Hz <input checked="" type="checkbox"/> Additional Information on page 2-3
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF Stage 2
Model / Type Ref.	LOP-400-x, LOP-500-x <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. Evaluated to National or Group Differences for EU Group Differences, AU, CA, CN, JP, NZ, SA, 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 62368-1:2018
As shown in the Test Report Ref. No. which forms part of this Certificate	E183223-A6127-CB-1 issued on 2026-05-08

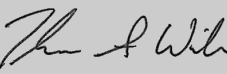
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Factory(ies):

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

Additional Model Detail(s):

LOP-400-x, LOP-500-x, x=12, 15,18,24,27,36, 48 or 54

Additional Ratings:

LOP-400-12
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +12Vdc, 33.3A, 399.6W (20.8A, 249.6W W/O Cooling)

LOP-400-15
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Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +24Vdc, 16.7A, 400.8W (10.5A, 252W W/O Cooling)

LOP-400-27
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +27Vdc, 14.9A, 402.3W (9.3A, 251.1W W/O Cooling)

LOP-400-36
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +36Vdc, 11.2A, 403.2W (7.1A, 255.6W W/O Cooling)

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Additional Ratings:

LOP-400-48

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +48Vdc, 8.4A, 403.2W (5.3A, 254.4W W/O Cooling)

LOP-400-54

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

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Input: 100-240Vac, 5.8-2.9A, 50/60Hz

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LOP-500-24

Switching power supply/LOP-500-24

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +24Vdc, 20.9A, 501.6W (13.4A, 321.6W W/O Cooling)

LOP-500-27

Switching power supply/LOP-500-27

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +27Vdc, 18.5A, 499.5W (11.9A, 321.3W W/O Cooling)

LOP-500-36

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +36Vdc, 13.9A, 500.4W (8.9A, 320.4W W/O Cooling)

LOP-500-48

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +48Vdc, 10.4A, 499.2W (6.7A, 321.6W W/O Cooling)

LOP-500-54

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +54Vdc, 9.3A, 502.2W (6A, 324W W/O Cooling)

Evaluated to National Differences declared for:

EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020

Summary of Modifications:

Update Critical component list

Additional information (if necessary)



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
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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

LOP-400-12
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
 Additional Information on page 2 and 3

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

LOP-400-x, LOP-500-x, x=12, 15,18,24,27,36, 48 or 54

Additional information (if necessary may also be reported on page 2)

Additionally evaluated to:
EN IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020
National Differences: EU Group Differences, AU, CA, CN, JP, SA, SG, US
 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

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China

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China

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

Additional Ratings:

LOP-400-12
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +12Vdc, 33.3A, 399.6W (20.8A, 249.6W W/O Cooling)

LOP-400-15
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +15Vdc, 26.7A, 400.5W (16.7A, 250.5W W/O Cooling)

LOP-400-18
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +18Vdc, 22.2A, 399.6W (13.9A, 250.2W W/O Cooling)

LOP-400-24
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +24Vdc, 16.7A, 400.8W (10.5A, 252W W/O Cooling)

LOP-400-27
Input: 100-240Vac, 4.8-2.1A, 50/60Hz
Output: +27Vdc, 14.9A, 402.3W (9.3A, 251.1W W/O Cooling)

Additional information (if necessary)



- UL Solutions (US), 333 Pflugsten 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: 2024-01-03

Signature:

Thomas Wilson



Ref. Certif. No.

DK-149136-UL

Additional Ratings:

LOP-400-36

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +36Vdc, 11.2A, 403.2W (7.1A, 255.6W W/O Cooling)

LOP-400-48

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +48Vdc, 8.4A, 403.2W (5.3A, 254.4W W/O Cooling)

LOP-400-54

Input: 100-240Vac, 4.8-2.1A, 50/60Hz

Output: +54Vdc, 7.5A, 405W (4.75A, 256.5W W/O Cooling)

LOP-500-12

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +12Vdc, 41.6A, 499.2W (25A, 300W W/O Cooling)

LOP-500-15

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +15Vdc, 33.3A, 499.5W (20A, 300W W/O Cooling)

LOP-500-18

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +18Vdc, 27.8A, 500.4W (16.7A, 300.6W W/O Cooling)

LOP-500-24

Switching power supply/LOP-500-24

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +24Vdc, 20.9A, 501.6W (13.4A, 321.6W W/O Cooling)

LOP-500-27

Switching power supply/LOP-500-27

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +27Vdc, 18.5A, 499.5W (11.9A, 321.3W W/O Cooling)

LOP-500-36

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +36Vdc, 13.9A, 500.4W (8.9A, 320.4W W/O Cooling)

LOP-500-48

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +48Vdc, 10.4A, 499.2W (6.7A, 321.6W W/O Cooling)

LOP-500-54

Input: 100-240Vac, 5.8-2.9A, 50/60Hz

Output: +54Vdc, 9.3A, 502.2W (6A, 324W W/O Cooling)

Additional information (if necessary)



- UL Solutions (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
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