

CERTIFICATE

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

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

Product : Independent LED driver
Trade name(s) : MEAN WELL
Type(s)/model(s) : XLG-100-12, XLG-100-12-A, XLG-100-24, XLG-100-24-A, XLG-100-24-AB, XLG-100-H, XLG-100-H-A, XLG-100-H-AB, XLG-100-L, XLG-100-L-A, XLG-100-L-AB, XLG-100I-12, XLG-100I-12-A, XLG-100I-24, XLG-100I-24-A, XLG-100I-H, XLG-100I-H-A, XLG-100I-H-AB, XLG-100I-L, XLG-100I-L-A and XLG-100I-L-AB

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2175773

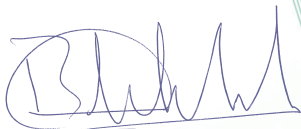
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 5 September 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-125187

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: XLG-100-12, XLG-100-12-A, XLG-100-24, XLG-100-24-A, XLG-100-24-AB, XLG-100-H, XLG-100-H-A, XLG-100-H-AB, XLG-100-L, XLG-100-L-A, XLG-100-L-AB, XLG-100I-12, XLG-100I-12-A, XLG-100I-24, XLG-100I-24-A, XLG-100I-H, XLG-100I-H-A, XLG-100I-H-AB, XLG-100I-L, XLG-100I-L-A and XLG-100I-L-AB
Rated input voltage	: 100-240 V~
Rated input current	: 1,1 A
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 90 °C
Ambient temperature (ta)	: 50 °C when input: 100-200 V~ 60 °C when input: 200-240 V~
Power factor	: 0,95
Class of insulation	: Class I
Degree of protection	: IP67
Additional information	: Thermal, short-circuit and overload protection

Product data – type XLG-100-24-AB

Output voltage	: 24 Vdc
Output current	: Max.4 A
Max. Output power	: 96 W
Additional information	: SELV

Product data – type XLG-100-12, XLG-100-12-A, XLG-100I-12 and XLG-100I-12-A

Output voltage	: Constant current mode: 8,4-12 Vdc, 13 Vdc max. Constant voltage mode: 12 Vdc
Output current	: Constant current mode: 8 A Constant voltage mode: 0-8 A
Max. Output power	: 96 W
Additional information	: SELV

Product data – type XLG-100-24, XLG-100-24-A, XLG-100I-24 and XLG-100I-24-A

Output voltage	: Constant current mode: 16,8-24 Vdc, 25 Vdc max. Constant voltage mode: 24 Vdc
Output current	: Constant current mode: 4 A Constant voltage mode: 0-4 A
Max. Output power	: 96 W
Additional information	: SELV

Product data – type XLG-100-H, XLG-100-H-A, XLG-100-H-AB, XLG-100I-H, XLG-100I-H-A and XLG-100I-H-AB

Output voltage	: 27-56 Vdc, Max. 60 Vdc
Output current	: 2,8 A
Max. Output power	: 100 W
Additional information	: SELV

Product data – type XLG-100-L, XLG-100-L-A, XLG-100-L-AB, XLG-100I-L, XLG-100I-L-A and XLG-100I-L-AB

Output voltage	: 71-142 Vdc, Max: 149 Vdc
Output current	: 1,0 A
Max. Output power	: 100 W
Additional information	: NON-SELV

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result

The test results are laid down in DEKRA test file 438764200, 439288700.

Additional information

Constant voltage and Constant current mode for XLG-100x-12-z and XLG-100x-24-z series.
Constant current mode for XLG-100x-H-z and XLG-100x-L-z series.

This certificate replaces certificate No. 35-124134 which we hereby declare invalid.

The list of components is laid down in test report 4392887.50, 4392887.51, 4387642.51V1.0.

Conclusion

The examination proved that all requirements were met.

Factory locations

YONGDEN TECHNOLOGY CORPORATION
345 MacArthur HighWay Tabang,
3015 Guiguinto, Bulacan, The Philippines

MEAN WELL (GUANGZHOU) Electronics Co., Ltd.
No.11 Jingu South Road, Huadu District,
510890 Guangzhou Guangdong, China

Trade Name: MEAN WELL stands for



Model Encoding:

XLG-100x-y-z

(x=Blank, I; y=12, 24, L, H; z=Blank, A, AB)

(AB only for 24, L, H type)

x= Blank or I define for country version

y=12, 24 L or H define for output voltage

z=Blank, A, AB define for dimming function mode

Blank: Cable for I/O connection.

A: Adjusted through internal potentiometer.

AB: Adjusted through internal potentiometer or output cable with 0-10 Vdc or 10 V PWM signal or resistance.

Model difference:

Function mode	Main PCB	Dimming PCB	Dim wire	Rear cover (with or without plastic cap)	IP
Blank	Same	Without	Without	Without	67
A	Same	Without	Without	With	67
AB	Same	B	With	With	67