

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-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 EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2175773

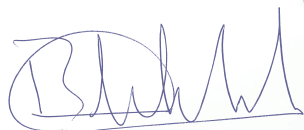
DEKRA hereby grants the right to use the ENEC certification mark.

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

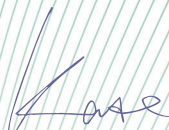
This certificate is issued on 25 April 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-108270

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
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-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. SELV for models XLG-100x-12-z, XLG-100x-H-z, XLG-100x-24-z, NON-SELV for models XLG-100x-L-z

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

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

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

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

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

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 435161800.

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.

The list of components is laid down at test report 4351618.50, 4351618.51.

Conclusion

The examination proved that all requirements were met.

Factory location

MEAN WELL (GUANGZHOU) Electronics Co.,Ltd. Huadu Branch
No.11 Jingu South Road, Huadong Town, Huadu District,
Guangzhou 510890, 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 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