

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-320-48-ABV, XLG-320-48-B, XLG-320-48-BV, XLG-320-48-V, XLG-320-H, XLG-320-H-A, XLG-320-H-AB, XLG-320-H-BTE, XLG-320-H-DA2, XLG-320-H-DA2-A, XLG-320-V, XLG-320-V-A, XLG-320I-H-DA2 and XLG-320I-H-DA2-A

The product and any acceptable variation thereto as 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 EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021 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

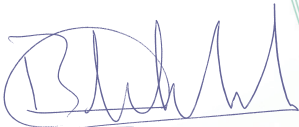
DEKRA hereby grants the right to use the ENEC certification mark.

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 4 May 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-123407 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: XLG-320-48-ABV, XLG-320-48-B, XLG-320-48-BV, XLG-320-48-V, XLG-320-H, XLG-320-H-A, XLG-320-H-AB, XLG-320-H-BTE, XLG-320-H-DA2, XLG-320-H-DA2-A, XLG-320-V, XLG-320-V-A, XLG-320I-H-DA2 and XLG-320I-H-DA2-A
Rated input voltage	: 120-277 V~
Rated input current	: 3,6 A
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: ta: 45°C when input: 200-277 V~, ta: 35°C when input: 120-200V~
Power factor	: 0,95
Class of insulation	: Class I
Rated power	: 312 W
Degree of protection	: IP67
Additional information	: Thermal, short-circuit and overload protection. SELV

Product data – type XLG-320-H, XLG-320-H-A and XLG-320-H-AB

Output Rated	: max.60 Vdc,30-56 Vdc, 5,57-7,42 A, constant current
Ambient temperature (ta)	: 35 °C when input: 120-200 V~, 45 °C when input: 200-277 V~

Product data – type XLG-320-48-ABV, XLG-320-48-B, XLG-320-48-BV, XLG-320-48-V and XLG-320-H-BTE

Output Rated	: 48 Vdc, 6,5 A, constant voltage
Ambient temperature (ta)	: 35 °C when input: 120-200 V~, 45 °C when input: 200-277 V~

Product data – type XLG-320-H-DA2 and XLG-320I-H-DA2

Output Rated	: Max. 65 Vdc, 30-56 Vdc, 5,57-7,42 A, constant current
Ambient temperature (ta)	: 40 °C when input: 120-200 V~, 45 °C when input: 200-277 V~, 176-280 Vdc

Product data – type XLG-320-H-DA2-A and XLG-320I-H-DA2-A

Output Rated	: Max. 65 Vdc, 30-56 Vdc, 5,57-7,42 A, Constant current, with auxiliary output (AUX: 12 Vdc, 0,25 A)
Ambient temperature (ta)	: 35 °C when input: 120-200 V~, 45 °C when input: 200-277 V~, 176-280 Vdc

Product data – type XLG-320-V and XLG-320-V-A

Output Rated	: 12 Vdc, 18 A or 24 Vdc, 13 A, constant voltage
Ambient temperature (ta)	: 35 °C when input: 120-200 V~, 45 °C when input: 200-277 V~

TESTS**Test requirements**

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

EN 61347-1:2015/A1:2021
EN IEC 62384:2020

Test result

The test results are laid down in DEKRA test file 439981000.

Additional information

This certificate replaces certificate No. 35-123407 which we hereby declare invalid.

The list of components is laid down in test report 4399810.50, 4399810.52.

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(s) : MEAN WELL stands for



Model list

Models	Input	Output	ta	Remark	Rear cover (with or without plastic cap)
XLG-320-H	120-277 V~, 50/60 Hz, 3,6 A,	Constant current; Max.60 Vdc, 30-56 Vdc, 5,57-7,42 A, Rated power: 312 W	45 °C (Input: 200-277 V~) 35 °C (Input: 120-200 V~)	Non-dimmable	Without
XLG-320-H-A				Non-dimmable	With
XLG-320-H-AB				Dimmable	With
XLG-320-V	120-277 V~, 50/60 Hz, 3,6 A,	Constant voltage; 12 Vdc,18 A or 24 Vdc, 13 A, Rated power: 312 W	45 °C (Input: 200-277 V~) 35 °C (Input: 120-200 V~)	Non-dimmable	Without
XLG-320-V-A				Non-dimmable	With
XLG-320-H-BTE	120-277 V~, 50/60 Hz, 3,6 A, λ : 0,95	Constant voltage; 48 Vdc, 6,5 A, Rated power: 312 W	45 °C (Input: 200-277 V~) 35 °C (Input: 120-200 V~)	Dimmable	Without
XLG-320-48-B				Dimmable	Without
XLG-320-48-BV				Dimmable	Without
XLG-320-48-ABV				Dimmable	With
XLG-320-48-V				Non-dimmable	Without
XLG-320-H-DA2	120-277 V~, 176-280 Vdc, 50/60 Hz, 3,6 A, λ : 0,95	Constant current; Max. 65 Vdc, 30-56 Vdc, 5,57-7,42 A, Rated Power:	45 °C (Input: 200-277 V~) 40 °C (Input: 120-200 V~, 176-280 Vdc)	Dimmable	With
XLG-320I-H-DA2				Dimmable	With

		312 W			
XLG-320-H-DA2-A	120-277 V~, 176-280 Vdc, 50/60 Hz, 3,6 A, λ : 0,95	Constant current; Max. 65 Vdc, 30-56 Vdc, 5,57-7,42 A, Rated Power: 312 W, Aux: 12 Vdc, 0,25 A	45 °C (Input: 200-277 V~) 35 °C (Input: 120-200 V~, 176-280 Vdc)	Dimmable	With
XLG-320I-H-DA2-A				Dimmable	With
Remark: "XLG-320" and "XLG-320I" models have same PCB layout and circuit diagram. The major differences among them are with or without discharge tube and rating of some components.					