

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-150x-L-z (x=blank or I, z=DA2 or 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 9 May 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-128405

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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DUTCH ACCREDITATION
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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-150-L-DA2, XLG-150-L-DA2-A, XLG-150I-L-DA2 and XLG-150I-L-DA2-A |
| Rated input voltage | : 100-240 Vac, 176-280 Vdc (for EL mark) |
| Rated input current | : 2,0 A |
| Rated frequency | : 50/60 Hz |
| Max. case temperature (tc) | : 90 °C |
| Power factor | : 0,95 |
| Rated Power | : 150 W |
| Class of insulation | : Class I |
| Additional information | : Isolating, Independent controlgear, non-inherently short-circuit proof, 110 °C thermal protection, MM mark, EL mark |

Product data – type XLG-150-L-DA2 and XLG-150I-L-DA2

| | |
|--------------------------|---|
| Ambient temperature (ta) | : 40 °C (Input: 100-200 Vac, 176-280 Vdc) 55 °C (Input: 200-240 Vac) |
|--------------------------|---|

Product data – type XLG-150-L-DA2-A and XLG-150I-L-DA2-A

| | |
|--------------------------|---|
| Ambient temperature (ta) | : 35 °C (Input: 100-200 Vac, 176-280 Vdc) 55 °C (Input: 200-240 Vac) |
|--------------------------|---|

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 439958000.

Additional information

The list of components is laid down in test report 4399580.51, 4399580.52.

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:

| Model | Input | Output | tc | ta |
|---|---|---|-------|--|
| XLG-150-L-DA2 | 100-240 Vac, 176-280 Vdc, 50/60 Hz, 2,0 A, PF: 0,95 | 240 Vdc max., 120-214 Vdc, 0,7-1,05 A, Rated Power: 150 W | 90 °C | 40 °C (Input: 100-200 Vac, 176-280 Vdc) 55 °C (Input: 200-240 Vac) |
| XLG-150I-L-DA2 | | | | |
| XLG-150-L-DA2-A | | 240 Vdc max., 120-214 Vdc, 0,7-1,05 A, Rated Power: 150 W Aux: 12 Vdc, 0,25 A | 90 °C | 35 °C (Input: 100-200 Vac, 176-280 Vdc) 55 °C (Input: 200-240 Vac) |
| XLG-150I-L-DA2-A | | | | |
| <p>Remark: XLG-150-L-DA2 and XLG-150I-L-DA2 have same PCB layout and circuit diagram. The major differences among them are with or without component D3 behind fuse (XLG-100I-L-DA2 has D3 but XLG-100-L-DA2 has not).</p> | | | | |