

CERTIFICATE

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

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

Product : Independent LED driver
Trade name(s) : MEAN WELL
Type(s)/model(s) : ELG-100-CXY (X=350,500,700; Y=blank, A, B, AB, D, D2,DA, ADA, AD2)

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 2 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-103327

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Rosa Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: ELG-100-C350, ELG-100-C350A, ELG-100-C350AB, ELG-100-C350AD2, ELG-100-C350ADA, ELG-100-C350B, ELG-100-C350D, ELG-100-C350D2, ELG-100-C350DA, ELG-100-C500, ELG-100-C500A, ELG-100-C500AB, ELG-100-C500AD2, ELG-100-C500ADA, ELG-100-C500B, ELG-100-C500D, ELG-100-C500D2, ELG-100-C500DA, ELG-100-C700, ELG-100-C700A, ELG-100-C700AB, ELG-100-C700AD2, ELG-100-C700ADA, ELG-100-C700B, ELG-100-C700D, ELG-100-C700D2 and ELG-100-C700DA
Rated input voltage	: 100-240 V~
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Max. case temperature (tc)	: 90 °C
Ambient temperature (ta)	: 60 °C
Class of insulation	: Class I
Description	: Thermal, short-circuit and overload protection with MM signs

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 434352900.

Additional information

This certificate replaces certificate No. 2195616.01 which we herewith declare invalid.

The list of components is laid down at test report 4343529.50.

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 City, Guangdong Province, China

Trade name(s) : MEAN WELL stands for

**Model list:**

Model No	Input voltage (V)	Input current (A)	Output voltage (V dc)	Output current (A)	Max. Output power (W)
ELG-100-C350Y	100-200	1,1	143-200, max 297	0,35	70
	200-240		143-286, max 297		100,1
ELG-100-C500Y	100-200	1,1	100-140, max 210	0,5	70
	200-240		100-200, max. 210		100
ELG-100-C700Y	100-200	1,1	71-100, max 149	0,7	70
	200-240		71-143, max. 149		100,1

Remark: letter "Y" in model name can be blank, A, B, AB, D, D2, DA, ADA or AD2

Model Encoding:

ELG-100-CXY

X= 350, 500, 700, define for output current.

Y= blank, A, B, AB, D, D2, DA, ADA, AD2, define for dimming function mode.

Blank: Cable for I/O connection.

A: Constant current level can be adjusted through internal potentiometer.

B: Constant current level adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance.

AB: Constant current level can be adjusted through internal potentiometer or output cable with 0-10 Vdc or 10 V PWM signal or resistance.

D: Smart timer dimming.

D2: Smart timer dimming can be programmed by output cable.

DA: DALI function

ADA: DALI function and Constant current level can be adjusted through internal potentiometer,

AD2: Smart timer dimming can be programmed by output cable and Constant current level can be adjusted through internal potentiometer.

Model difference:

Function mode	Main PCB	Dimming PCB	Dimming wire	Rear cover (with or without plastic cap)	IP
Blank	Same	Without	Without	Without	67
A	Same	Without	Without	With	65
B	Same	B type	With	Without	67
AB	Same	B type	With	With	65
D	Same	D type	Without	Without	67
D2	Same	D type	With	Without	67
AD2	Same	D type	With	With	65
DA	Same	DA type	With	Without	67
ADA	Same	DA type	With	With	65