

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; ELG-100-XY

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 and EN 61347-2-13:2014/A1:2017
- 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 4 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-103341

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Schendstok
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)	: ELG-100-24, ELG-100-24A, ELG-100-24AB, ELG-100-24AD2, ELG-100-24ADA, ELG-100-24B, ELG-100-24D, ELG-100-24D2, ELG-100-24DA, ELG-100-36, ELG-100-36A, ELG-100-36AB, ELG-100-36AD2, ELG-100-36ADA, ELG-100-36B, ELG-100-36D, ELG-100-36D2, ELG-100-36DA, ELG-100-42, ELG-100-42A, ELG-100-42AB, ELG-100-42AD2, ELG-100-42ADA, ELG-100-42B, ELG-100-42D, ELG-100-42D2, ELG-100-42DA, ELG-100-48, ELG-100-48A, ELG-100-48AB, ELG-100-48AD2, ELG-100-48ADA, ELG-100-48B, ELG-100-48D, ELG-100-48D2, ELG-100-48DA, ELG-100-54, ELG-100-54A, ELG-100-54AB, ELG-100-54AD2, ELG-100-54ADA, ELG-100-54B, ELG-100-54D, ELG-100-54D2, ELG-100-54DA, ELG-100-C1050, ELG-100-C1050A, ELG-100-C1050AB, ELG-100-C1050AD2, ELG-100-C1050ADA, ELG-100-C1050B, ELG-100-C1050D, ELG-100-C1050D2, ELG-100-C1050DA, ELG-100-C1400, ELG-100-C1400A, ELG-100-C1400AB, ELG-100-C1400AD2, ELG-100-C1400ADA, ELG-100-C1400B, ELG-100-C1400D, ELG-100-C1400D2 and ELG-100-C1400DA
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	: 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

Test result

The test results are laid down in DEKRA test file 434352800.

Additional information

The product also considers EN 62384:2006 + A1:2009.

This certificate replaces certificate No. 2195617.01 which we herewith declare invalid.

The list of components is laid down at test report 4343528.50.

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:

ELG-100-CXY (X=1050, 1400, Y=blank, A, B, AB, D, D2, DA, ADA, AD2)

ELG-100-XY (X= 24, 36, 42, 48, 54, Y=blank, A, B, AB, D, D2, DA, ADA, AD2)

Model No	Input voltage (V)	Input current (A)	Output type	Output voltage (V dc)	Output current (A)	Output power (W)
ELG-100-C1050Y	100-200	1,1	Constant current	48-67 Vdc, max. 105 Vdc	1,05 A	70,35
	200-240			48-95 Vdc, max. 105 Vdc		99,75
ELG-100-C1400Y	100-200	1,1	Constant current	35-50 Vdc, max. 75 Vdc	1,4 A	70
	200-240			35-72 Vdc, max. 75 Vdc		100,8
ELG-100-24Y	100-200	1,1	Constant voltage	24 Vdc	--	70
	200-240					96
ELG-100-36Y	100-200	1,1	Constant voltage	36 Vdc	--	70
	200-240					95,76
ELG-100-42Y	100-200	1,1	Constant voltage	42 Vdc	--	70
	200-240					95,76
ELG-100-48Y	100-200	1,1	Constant voltage	48 Vdc	--	70
	200-240					96
ELG-100-54Y	100-200	1,1	Constant voltage	54 Vdc	--	70
	200-240					96,12

Model Encoding:

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

Blank: Cable for I/O connection.

A: Adjusted through internal potentiometer.

B: Adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance.

AB: 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 adjusted through internal potentiometer,

AD2: Smart timer dimming can be programmed by output cable and 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