

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) : ELG-300-12, ELG-300-12A, ELGC-300-24, ELGC-300-24A, ELGC-300-24AB, ELGC-300-24AD2, ELGC-300-24ADA, ELGC-300-24B, ELGC-300-24D2, ELGC-300-24DA, ELGC-300-H, ELGC-300-H-A, ELGC-300-H-AB, ELGC-300-H-AD2, ELGC-300-H-ADA, ELGC-300-H-B, ELGC-300-H-D2, ELGC-300-H-DA, ELGC-300-L, ELGC-300-L-A, ELGC-300-L-AB, ELGC-300-L-AD2, ELGC-300-L-ADA, ELGC-300-L-B, ELGC-300-L-D2, ELGC-300-L-DA, ELGC-300-M, ELGC-300-M-A, ELGC-300-M-AB, ELGC-300-M-AD2, ELGC-300-M-ADA, ELGC-300-M-B, ELGC-300-M-D2 and ELGC-300-M-DA

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

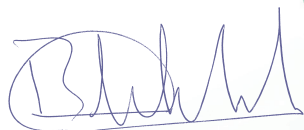
DEKRA hereby grants the right to use the ENEC certification mark.

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 27 April 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-108326

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R 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-300-12, ELG-300-12A, ELGC-300-24, ELGC-300-24A, ELGC-300-24AB, ELGC-300-24AD2, ELGC-300-24ADA, ELGC-300-24B, ELGC-300-24D2, ELGC-300-24DA, ELGC-300-H, ELGC-300-H-A, ELGC-300-H-AB, ELGC-300-H-AD2, ELGC-300-H-ADA, ELGC-300-H-B, ELGC-300-H-D2, ELGC-300-H-DA, ELGC-300-L, ELGC-300-L-A, ELGC-300-L-AB, ELGC-300-L-AD2, ELGC-300-L-ADA, ELGC-300-L-B, ELGC-300-L-D2, ELGC-300-L-DA, ELGC-300-M, ELGC-300-M-A, ELGC-300-M-AB, ELGC-300-M-AD2, ELGC-300-M-ADA, ELGC-300-M-B, ELGC-300-M-D2 and ELGC-300-M-DA
Rated input voltage	: 100-240 V~
Rated input current	: 3 A
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: 40 °C
Power factor	: 0,95
Class of insulation	: Class I
Degree of protection	: IP67
Description	: Thermal, short-circuit and overload protection; SELV for models ELGC-300-X-Y, ELG-300-24Y; NON-SELV for models ELGC-300-L-Y

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 434528900 and 435162900.

Additional information

This certificate replaces certificate No. 35-105374 which we herewith declare invalid.

The list of components is laid down at test report 4351629.50, 4345289.51.

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(s) : MEAN WELL stands for



Model Encoding:

ELGC-300-X-Y, ELG-300-24Y, ELGC-300-L-Y, ELG-300-12, ELG-300-12A

X= H or M

Y=blank, A, B, AB, DA, ADA, D2 or 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.

DA: DALI function.

ADA: DALI function and adjusted through internal potentiometer.

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

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

The dimming circuit of controlgear shall be connected to a SELV/FELV controller.

Model list:

Model No	Input voltage (V)	Input current (A)	Output voltage (mA)	Output current (A)	Max. Output power (W)	Remark
ELGC-300-H-Y	100-200	3	29-58 Vdc, Max. 62 Vdc	6800	256,36	Constant current
	200-240			8000	301,6	
ELGC-300-M-Y	100-200	3	58-116 Vdc, Max. 120 Vdc	3400	256,36	Constant current
	200-240			4000	301,6	
ELGC-300-L-Y	100-200	3	116-232 Vdc, Max. 240 Vdc	1700	256,36	Constant current
	200-240			2000	301,6	

Model No	Input (ac)			Output rating
	V	A	Hz	
ELG-300-24Y	100-240	3	50/60	Constant current mode: 24,5 Vdc max., 14,4-24 Vdc, 10,63 A Rated Power: 255,12 W (when input 100-200 VAC) 12,5 A Rated Power: 300W (when input 200-240 VAC) Constant voltage mode: 24 Vdc 0-10,63 A Rated Power: 255,12 W (when input 100-200 VAC) 0-12,5 A Rated Power: 300 W (when input 200-240VAC)

Model No	Input (ac)			Output rating
	V	A	Hz	
ELG-300-12, ELG-300-12A	100-240	3	50/60	Constant current mode: 12,5 Vdc max., 9-12 Vdc, 18,7 A Rated Power: 224,4 W (when input 100-200 VAC), 22 A Rated Power: 264W (when input 200-240 VAC) Constant voltage mode: 12 Vdc, 0-18,7 A Rated Power: 224,4 W (when input 100-200 VAC), 0-22 A Rated Power: 264 W (when input 200-240VAC)

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
B	Same	B	With	Without	67
AB	Same	B	With	With	67
DA	Same	DA	With	Without	67
D2	Same	D	With	Without	67
AD2	Same	D	With	With	67
ADA	Same	DA	With	With	67

CERTIFICATE

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Licensee:
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Product : Independent LED driver
Trade name(s) : MEAN WELL
Type(s)/model(s) : ELGC-300-X-Y, ELG-300-24Y, ELGC-300-L-Y (X=H or M, Y=blank, A, B, AB, DA, ADA, D2 or 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.

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This certificate is issued on 20 August 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-105374

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Cliff Lin
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

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Rated input voltage	: 100-240 V~
Rated input current	: 3 A
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: 40 °C
Power factor	: 0,95
Class of insulation	: Class I
Degree of protection	: IP67
Description	: Thermal, short-circuit and overload protection; SELV for models ELGC-300-X-Y, ELG-300-24Y; NON-SELV for models ELGC-300-L-Y

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 434528900.

Additional information

The list of components is laid down at test report 4345289.50, 4345289.51.

Conclusion

The examination proved that all requirements were met.

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ADA: DALI function and adjusted through internal potentiometer.

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ELGC-300-L-Y	100-200	3	116-232 Vdc, Max. 240 Vdc	1700	256,36	Constant current
	200-240			2000	301,6	

Model No	Input (ac)			Output rating
	V	A	Hz	
ELG-300-24Y	100-240	3	50/60	Constant current mode: 24,5 Vdc max., 14,4-24 Vdc 10,63 A Rated Power:255,12 W (when input 100-200 VAC) 12,5 A Rated Power:300W (when input 200-240 VAC) Constant voltage mode: 24 Vdc 0-10,63 A Rated Power: 255,12 W (when input 100-200 VAC) 0-12,5 A Rated Power:300 W (when input 200-240VAC)

Model difference:

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