

CERTIFICATE

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

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

Product : Independent LED controlgear
Trade name :



Types/models : 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 61347-1:2008; EN 61347-2-13:2014; EN 62384:2006
- 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 KEMA-KEUR certification mark.

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

This certificate is issued on: 2 November 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2195616.01

DEKRA Certification B.V.

A blue ink signature of G.J. Zoetbrood.

drs. G.J. Zoetbrood
Managing Director

A blue ink signature of W.C. Singewald.


W.C. Singewald
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT

product	:	Independent LED controlgear
trade name(s)	:	
type(s)	:	ELG-100-CXY (X=350,500,700; Y=blank, A, B, AB, D, D2,DA, ADA, AD2)
rated input voltage	:	100-240 V~
rated input current	:	see product date per type
nature of supply	:	a.c.
rated frequency	:	50/60 Hz
output current	:	see product date per type
output voltage range	:	see product date per type
max. open load voltage	:	see product date per type
power factor	:	0,95
max. case temperature (tc)	:	see product date per type
ambient temperature (ta)	:	see product date per type
class of insulation	:	Class I
max. case temperature (tc)	:	90 °C
ambient temperature (ta)	:	60 °C
degree of protection	:	IP65 for models ELG-100-CXY (X=350,500,700; Y= A, AB, ADA, AD2) IP67 for models ELG-100-CXY (X=350,500,700; Y= blank, B, D, D2, DA)
Temperature declared thermally protected	:	110 °C

Additional information

- Constant current mode
- Thermal, short-circuit and overload protection
- Inherently short circuit proof
- With MM sign
- When the driver is equipped with UL approved PVC external cable, it shall be used indoor or used in water-proof luminaires.

Type reference key

ELG-100-CXY

ELG-100	:	Product name
X	:	Output current. (350, 500, 700)
Y	:	Dimming function mode. (blank, A, B, AB, D, D2, DA, ADA, AD2)
		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.
Y (cont'd)		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.

Product data - type ELG-100-C350Y (Y=blank, A, B, AB, D, D2, DA, ADA, AD2)

rated input current	:	1,1 A
output current	:	0,35 A
output voltage range	:	143-200 Vdc when input voltage 100-200 V 143-286 Vdc when input voltage 200-240 V
max. open load voltage	:	297 Vdc
max. output power	:	70 W when input voltage 100-200 V 100,1 W when input voltage 200-240 V

Product data - type ELG-100-C500Y (Y=blank, A, B, AB, D, D2, DA, ADA, AD2)

rated input current	:	1,1 A
output current	:	0,5 A
output voltage range	:	100-140 Vdc when input voltage 100-200 V 100-200 Vdc when input voltage 200-240 V
max. open load voltage	:	210 Vdc
max. output power	:	70 W when input voltage 100-200 V 100 W when input voltage 200-240 V

Product data - type ELG-100-C700Y (Y=blank, A, B, AB, D, D2, DA, ADA, AD2)

rated input current	:	1,1 A
output current	:	0,7 A
output voltage range	:	71-100 Vdc when input voltage 100-200 V 71-143 Vdc when input voltage 200-240 V
max. open load voltage	:	149 Vdc
max. output power	:	70 W when input voltage 100-200 V 100,1 W when input voltage 200-240 V

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Test result

The test results are laid down in DEKRA test file 2195616.00.

Remarks

The components used in the appliance are laid down in the test report no. 2195616.50

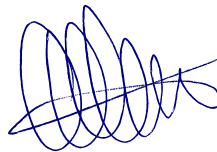
Conclusion

The examination proved that all test requirements were met.

Tested by : G.W.J. Zeegers

A handwritten signature in blue ink, appearing to read 'G.W.J. Zeegers', written in a cursive style.

Checked by : A.P. van der Veen

A handwritten signature in blue ink, appearing to read 'A.P. van der Veen', written in a cursive style.

Factory location

MEAN WELL (Guangzhou) Electronics Co. Ltd. Huadu Branch
No.11 Jingu South Road
Huadong Town
Huadu District
Guangzhou
Guangdong
China

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trade name(s)	:	
type(s)	:	ELG-100-CXY (X=350,500,700; Y=blank, A, B, AB, D, D2,DA, ADA, AD2)
rated input voltage	:	100-240 V~
rated input current	:	see product date per type
nature of supply	:	a.c.
rated frequency	:	50/60 Hz
output current	:	see product date per type
output voltage range	:	see product date per type
max. open load voltage	:	see product date per type
power factor	:	0,95
max. case temperature (tc)	:	see product date per type
ambient temperature (ta)	:	see product date per type
class of insulation	:	Class I
max. case temperature (tc)	:	90 °C
ambient temperature (ta)	:	60 °C
degree of protection	:	IP65 for models ELG-100-CXY (X=350,500,700; Y= A, AB, ADA, AD2) IP67 for models ELG-100-CXY (X=350,500,700; Y= blank, B, D, D2, DA)
Temperature declared thermally protected	:	110 °C

Additional information

- Constant current mode
- Thermal, short-circuit and overload protection
- Inherently short circuit proof
- With MM sign
- When the driver is equipped with UL approved PVC external cable, it shall be used indoor or used in water-proof luminaires.

Type reference key

ELG-100-CXY

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Product data - type ELG-100-C350Y (Y=blank, A, B, AB, D, D2, DA, ADA, AD2)

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output current	:	0,35 A
output voltage range	:	143-200 Vdc when input voltage 100-200 V 143-286 Vdc when input voltage 200-240 V
max. open load voltage	:	297 Vdc
max. output power	:	70 W when input voltage 100-200 V 100,1 W when input voltage 200-240 V

Product data - type ELG-100-C500Y (Y=blank, A, B, AB, D, D2, DA, ADA, AD2)

rated input current	:	1,1 A
output current	:	0,5 A
output voltage range	:	100-140 Vdc when input voltage 100-200 V 100-200 Vdc when input voltage 200-240 V
max. open load voltage	:	210 Vdc
max. output power	:	70 W when input voltage 100-200 V 100 W when input voltage 200-240 V

Product data - type ELG-100-C700Y (Y=blank, A, B, AB, D, D2, DA, ADA, AD2)

rated input current	:	1,1 A
output current	:	0,7 A
output voltage range	:	71-100 Vdc when input voltage 100-200 V 71-143 Vdc when input voltage 200-240 V
max. open load voltage	:	149 Vdc
max. output power	:	70 W when input voltage 100-200 V 100,1 W when input voltage 200-240 V

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013
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Test result

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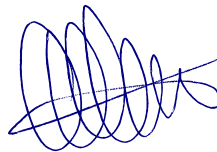
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