

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 Controlgears
Trade name : MEAN WELL
Type reference : ELG-100-CXY (see additional information for more details) key
key

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: 3 November 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2195617.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



W.C. Singewald
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Independent Controlgears
trade name	:	MEAN WELL
type reference key	:	ELG-100-CXY (see additional information for more details)
rated input voltage	:	100-240 V~
rated input current	:	1,1 A
nature of supply	:	a.c.
rated frequency	:	50/60 Hz
output current	:	see product data per type(for constant voltage type only)
output voltage ranges	:	see product data per type (for constant current type only)
max. open load voltage	:	see product data per type (for constant current type only)
power factor	:	0,95
class	:	I
max. case temperature (tc)	:	90 °C
ambient temperature (ta)	:	60 °C
degree of protection provided by enclosures	:	IP65 for models with Y (dimming mode) = A, AB, ADA, AD2, IP67 for models with Y (dimming mode) = blank, B, D, D2, DA
temperature declared thermally protected	:	110 °C
description	:	see product data per type

Additional information

- Control gears are divided into products based on Constant Current and Constant Voltage
- Thermal, short-circuit and overload protection
- Inherently short circuit proof
- With MM signs
- When the driver is equipped with UL approved PVC external cable, it shall be used indoor or used within water-proof luminaires.

Type reference key

ELG-100-CXY

ELG-100	:	Product name
C	:	“C” is constant current type, “Blank” is constant voltage type
X	:	Output current (1050 or 1400 mA) Output voltage (24, 36, 42, 48 or 54 Vdc)
Y	:	Dimming function mode. (blank, A, B, AB, D, D2, DA, ADA or 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.
Y (cont'd)	:	DA = DALI function ADA = DALI function and 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-100-24Y

output voltage : 24 Vdc
max. output power : 70 W when input voltage 100-200 V
96 W when input voltage 200-240 V

Product data - type ELG-100-36Y

output voltage : 36 Vdc
max. output power : 70 W when input voltage 100-200 V
95,76 W when input voltage 200-240 V

Product data - type ELG-100-42Y

output voltage : 42 Vdc
max. output power : 70 W when input voltage 100-200 V
95,76 W when input voltage 200-240 V

Product data - type ELG-100-48Y

output voltage : 48 Vdc
max. output power : 70 W when input voltage 100-200 V
96 W when input voltage 200-240 V

Product data - type ELG-100-54Y

output voltage : 54 Vdc
max. output power : 70 W when input voltage 100-200 V
96,12 W when input voltage 200-240 V

Product data - type ELG-100-C1050Y

output voltage range : 48-67 Vdc when input voltage 100-200 V
48-95 Vdc when input voltage 200-240 V
max. open load voltage : 105 Vdc
max. output power : 70,35 W when input voltage 100-200 V
99,75 W when input voltage 200-240 V

Product data - type ELG-100-C1400Y

output voltage range : 35-50 Vdc when input voltage 100-200 V
35-72 Vdc when input voltage 200-240 V
max. open load voltage : 75 Vdc
max. output power : 70 W when input voltage 100-200 V
100,8 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 results

The test results are laid down in DEKRA test file 2195617.00.

Remark

The components used in the appliance are laid down in the test report no. 2195617.50

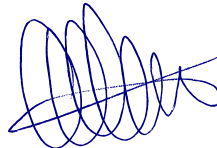
Conclusion

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".

Checked by : A.P. van der Veen

A handwritten signature in blue ink, appearing to read "A.P. van der Veen".

Factory location

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