

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 controlgears
Trade name(s) : MEAN WELL
Type(s)/model(s) : HLG-120H-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 17 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-103587

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED controlgears
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HLG-120H-12, HLG-120H-12A, HLG-120H-12B, HLG-120H-15, HLG-120H-15A, HLG-120H-15B, HLG-120H-20, HLG-120H-20A, HLG-120H-20B, HLG-120H-24, HLG-120H-24A, HLG-120H-24B, HLG-120H-30, HLG-120H-30A, HLG-120H-30B, HLG-120H-36, HLG-120H-36A, HLG-120H-36B, HLG-120H-42, HLG-120H-42A, HLG-120H-42B, HLG-120H-48, HLG-120H-48A, HLG-120H-48B, HLG-120H-54, HLG-120H-54A and HLG-120H-54B
Rated input voltage	: 100-240 V~
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature (ta)	: 60 °C
Max. case temperature (tc)	: 80 °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

Test result

The test results are laid down in DEKRA test file 434292700.

Additional information

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

The list of components is laid down at test report 4342927.50.

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 rating	Output rating
HLG-120H-12Y	100-240 V~, 50/60 Hz, 1,4 A	12 Vdc, 10 A, 120 W
HLG-120H-15Y		15 Vdc, 8,0 A, 120 W
HLG-120H-20Y		20 Vdc, 6,0 A, 120 W
HLG-120H-24Y		24 Vdc, 5,0 A, 120 W
HLG-120H-30Y		30 Vdc, 4,0 A, 120 W
HLG-120H-36Y		36 Vdc, 3,4 A, 122,4 W
HLG-120H-42Y		42 Vdc, 2,9 A, 121,8 W
HLG-120H-48Y		48 Vdc, 2,5 A, 120 W
HLG-120H-54Y		54 Vdc, 2,3 A, 124,2 W

Model Encoding:

HLG-120H-XY

The "X" in the models name HLG-120H-XY can be 12, 15, 20, 24, 30, 36, 42, 48 or 54 to denote output voltage.

The "Y" in the models name HLG-120H-XY can be Blank, A, B or blank to denote function mode option.
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.

Model difference:

Function mode	Main PCB	Dimming PCB	Diming/DA 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