

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 drivers
Trade name(s) : MEAN WELL
Type(s)/model(s) : HLG-600H-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 18 October 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-106087

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kate Xu
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED drivers
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HLG-600H-12, HLG-600H-12A, HLG-600H-12AB, HLG-600H-12B, HLG-600H-15, HLG-600H-15A, HLG-600H-15AB, HLG-600H-15B, HLG-600H-20, HLG-600H-20A, HLG-600H-20AB, HLG-600H-20B, HLG-600H-24, HLG-600H-24A, HLG-600H-24AB, HLG-600H-24B, HLG-600H-30, HLG-600H-30A, HLG-600H-30AB, HLG-600H-30B, HLG-600H-36, HLG-600H-36A, HLG-600H-36AB, HLG-600H-36B, HLG-600H-42, HLG-600H-42A, HLG-600H-42AB, HLG-600H-42B, HLG-600H-48, HLG-600H-48A, HLG-600H-48AB, HLG-600H-48B, HLG-600H-54, HLG-600H-54A, HLG-600H-54AB and HLG-600H-54B
Rated input voltage	: 100-240 V~
Rated input current	: 7,0 A
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Max. case temperature (tc)	: 90 °C
Ambient temperature (ta)	: 50 °C
Class of insulation	: Class I
Additional information	: Constant voltage mode; Thermal, short-circuit and overload protection; with MM signs;

Product data – type HLG-600H-12, HLG-600H-12A, HLG-600H-12AB and HLG-600H-12B

Output voltage	: Vo: 12 Vdc VSB: 5 Vdc
Output current	: Io: 40 A ISB: 0,5 A
Output power	: 480 W

Product data – type HLG-600H-15, HLG-600H-15A, HLG-600H-15AB and HLG-600H-15B

Output voltage	: Vo: 15 Vdc VSB: 5 Vdc
Output current	: Io: 36 A ISB: 0,5 A
Output power	: 540 W

Product data – type HLG-600H-20, HLG-600H-20A, HLG-600H-20AB and HLG-600H-20B

Output voltage	: Vo: 20 Vdc VSB: 5 Vdc
Output current	: Io: 28 A ISB: 0,5 A
Output power	: 560 W

Product data – type HLG-600H-24, HLG-600H-24A, HLG-600H-24AB and HLG-600H-24B

Output voltage	: Vo: 24 Vdc VSB: 5 Vdc
Output current	: Io: 25 A ISB: 0,5 A
Output power	: 600 W

Product data – type HLG-600H-30, HLG-600H-30A, HLG-600H-30AB and HLG-600H-30B

Output voltage	: Vo: 30 Vdc VSB: 5 Vdc
Output current	: Io: 20 A ISB: 0,5 A
Output power	: 600 W

Product data – type HLG-600H-36, HLG-600H-36A, HLG-600H-36AB and HLG-600H-36B

Output voltage	: Vo: 36 Vdc VSB: 5 Vdc
Output current	: Io: 16,7 A ISB: 0,5 A
Output power	: 601,2 W

Product data – type HLG-600H-42, HLG-600H-42A, HLG-600H-42AB and HLG-600H-42B

Output voltage	: Vo: 42 Vdc VSB: 5 Vdc
Output current	: Io: 14,3 A ISB: 0,5 A
Output power	: 600,6 W

Product data – type HLG-600H-48, HLG-600H-48A, HLG-600H-48AB and HLG-600H-48B

Output voltage	: Vo: 48 Vdc VSB: 5 Vdc
Output current	: Io: 12,5 A ISB: 0,5 A
Output power	: 600 W

Product data – type HLG-600H-54, HLG-600H-54A, HLG-600H-54AB and HLG-600H-54B

Output voltage	: Vo: 54 Vdc VSB: 5 Vdc
Output current	: Io: 11,2 A ISB: 0,5 A
Output power	: 604,8 W

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 434720100.

Additional information

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

This certificate replaces certificate No. 35-101949 which we herewith declare invalid.

The list of components is laid down at test report 4347201.50.

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,
510890 Guangzhou, Guangdong, China

Trade name(s) : MEAN WELL stands for


Model list:

Model No	Input voltage (V)	Input current (A)	PF	ta (°C)	tc (°C)	Output voltage (V dc)	Output current (A)	Output power (W)
HLG-600H-12y	100-240	7,0	0,95	50	90	V _o :12 V _{SB} : 5	I _o :40 I _{SB} : 0,5	480
HLG-600H-15y	100-240	7,0	0,95	50	90	V _o :15 V _{SB} : 5	I _o :36 I _{SB} : 0,5	540
HLG-600H-20y	100-240	7,0	0,95	50	90	V _o :20 V _{SB} : 5	I _o :28 I _{SB} : 0,5	560
HLG-600H-24y	100-240	7,0	0,95	50	90	V _o :24 V _{SB} : 5	I _o :25 I _{SB} : 0,5	600
HLG-600H-30y	100-240	7,0	0,95	50	90	V _o :30 V _{SB} : 5	I _o :20 I _{SB} : 0,5	600
HLG-600H-36y	100-240	7,0	0,95	50	90	V _o :36 V _{SB} : 5	I _o :16,7 I _{SB} : 0,5	601,2
HLG-600H-42y	100-240	7,0	0,95	50	90	V _o :42 V _{SB} : 5	I _o :14,3 I _{SB} : 0,5	600,6
HLG-600H-48y	100-240	7,0	0,95	50	90	V _o :48 V _{SB} : 5	I _o :12,5 I _{SB} : 0,5	600
HLG-600H-54y	100-240	7,0	0,95	50	90	V _o :54 V _{SB} : 5	I _o :11,2 I _{SB} : 0,5	604,8

Model Encoding:

HLG-600H-xy

Where the first letter “x” in the models name can be 12, 15, 20, 24, 30, 36, 42, 48 or 54 to denote output voltage, the second letter “y” can be A, B, AB or blank to denote IP65 or IP67 and with or without dimming, refer to models difference for details.

Blank: Cable for I/O connection.

A: Can be 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.

Model difference:

Function mode	Main PCB	Dimming PCB	Dimming wire	Top cover (with or without plastic cap)	IP
Blank	Same	Without	Without	Without	67
A	Same	Without	Without	With	65
B	Same	HLG-240C board	With	Without	67
AB	Same	B type	With	With	65