

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 driver
Trade name(s) : MEAN WELL
Type(s)/model(s) : HBG-100-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: 35-106092

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kate Xu
Certification Manager

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DUTCH ACCREDITATION
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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HBG-100-24, HBG-100-24A, HBG-100-24AB, HBG-100-24B, HBG-100-24DA, HBG-100-24E, HBG-100-36, HBG-100-36A, HBG-100-36AB, HBG-100-36B, HBG-100-36DA, HBG-100-36E, HBG-100-48, HBG-100-48A, HBG-100-48AB, HBG-100-48B, HBG-100-48DA, HBG-100-48E, HBG-100-60, HBG-100-60A, HBG-100-60AB, HBG-100-60B, HBG-100-60DA and HBG-100-60E
Rated input voltage	: 100-240 V~
Rated input current	: 1,1 A
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature (ta)	: 60 °C
Max. case temperature (tc)	: 85 °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 434720300.

Additional information

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

This certificate replaces certificate No. 35-103806 which we herewith declare invalid.

The list of components is laid down at test report 4347203.50.

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)	Output type	Output voltage (V dc)	Output current (A)	Output power (W)
HBG-100-24y	100-240	1,1	Constant current	Max. 25 Vdc	4,0 A	96 W
HBG-100-36y	100-240	1,1	Constant current	Max. 37 Vdc	2,7 A	97,2 W
HBG-100-48y	100-240	1,1	Constant current	Max. 49 Vdc	2,0 A	96 W
HBG-100-60y	100-240	1,1	Constant current	Max. 62 Vdc	1,6 A	96 W

Model Encoding:

HBG-100-xy

x can be 24, 36, 48 or 60 to denote output voltage.

y= blank, A, B, AB, E, DA, define for with or without dimming, IP value and enclosure type

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.

E: With a steel support

DA: DALI function

Model difference:

Function mode	Main PCB	Dimming PCB	Dimming 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
DA	Same	DA type	With	Without	67
E	Same	Without	Without	Without	67
AB	Same	B type	With	With	65