

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 : Built-in LED drivers
Trade name(s) : MEAN WELL
Type(s)/model(s) : HBG-100P-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 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN 61347-1:2015
- 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 24 May 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-104165

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Built-in LED drivers
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HBG-100P-36A, HBG-100P-36B, HBG-100P-36DA, HBG-100P-48A, HBG-100P-48B, HBG-100P-48DA, HBG-100P-60A, HBG-100P-60B and HBG-100P-60DA
Rated input voltage	: 100-240 Vac
Rated frequency	: 50/60 Hz
Input current (A)	: 1,1 A
Power factor	: 0,95
Ambient temperature (ta)	: 35 °C
Class of insulation	: Class I
Description	: Thermal, short-circuit and overload protection

Product data – type HBG-100P-36A, HBG-100P-36B and HBG-100P-36DA

Output voltage (V dc)	: Max. 37 Vdc
Output current (A)	: 2,7 A
Output power (W)	: 97,2 W

Product data – type HBG-100P-48A, HBG-100P-48B and HBG-100P-48DA

Output voltage (V dc)	: Max. 49 Vdc
Output current (A)	: 2,0 A
Output power (W)	: 96 W

Product data – type HBG-100P-60A, HBG-100P-60B and HBG-100P-60DA

Output voltage (V dc)	: Max. 62 Vdc
Output current (A)	: 1,6 A
Output power (W)	: 96 W

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015

Test result

The test results are laid down in DEKRA test file 434304600.

Additional information

Model/Type Reference:

HBG-100P-xy

The "x" in the models name HBG-100P-xy can be 36, 48 or 60 to denote output voltage.

The "y" in the models name HBG-100P-xy can be A, B or DA to denote function mode option.

Model Encoding:

y= A, B, DA , define for with or without dimming type

A: Adjusted through internal potentiometer.

B: Adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance.

DA: DALI function

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

The list of components is laid down at test report 4343046.50.

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 : MEAN WELL stands for

