

CERTIFICATE

Issued to:
Applicant:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd, Wugu District
24891 New Taipei City, Taiwan

Licensee:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Rd, Wugu District
24891 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(s) EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2175773

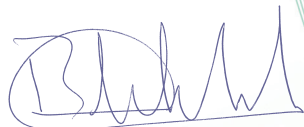
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 29 December 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-126808

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



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	: 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 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result

The test results are laid down in DEKRA test file 438210200, 439780900.

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.

This certificate replaces certificate No. 35-104165 which we hereby declare invalid.

The list of components is laid down in test report 4382102.50, 4397809.50.

Conclusion

The examination proved that all requirements were met.

Factory location

MEAN WELL (GUANGZHOU) Electronics Co., Ltd.
No.11 Jingu South Road, Huadu District,
510890 Guangzhou Guangdong, China

Trade name(s) : MEAN WELL stands for

