

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 : Independent LED controlgears
Trade name(s) : MEAN WELL
Type(s)/model(s) : HBG-240-xy

The product and any acceptable variation thereto as 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 EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021 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

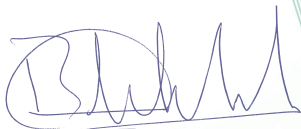
DEKRA hereby grants the right to use the ENEC certification mark.

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 17 May 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-106093 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED controlgears
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HBG-240-24, HBG-240-24A, HBG-240-24AB, HBG-240-24B, HBG-240-24DA, HBG-240-36, HBG-240-36A, HBG-240-36AB, HBG-240-36B, HBG-240-36DA, HBG-240-48, HBG-240-48A, HBG-240-48AB, HBG-240-48B, HBG-240-48DA, HBG-240-60, HBG-240-60A, HBG-240-60AB, HBG-240-60B and HBG-240-60DA
Rated input voltage	: 100-240 Vac
Rated input current	: 2,5 A
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Max. case temperature (tc)	: 75 °C
Ambient temperature (ta)	: 50 °C
Class of insulation	: Class I
Description	: Constant current mode; Thermal, short-circuit and overload protection;

Product data – type HBG-240-24, HBG-240-24B and HBG-240-24DA

Output voltage	: 25 Vdc Max.
Output current	: 10,0 A
Rated output power	: 240 W
Degree of protection	: IP67

Product data – type HBG-240-24A and HBG-240-24AB

Output voltage	: 25 Vdc Max.
Output current	: 10,0 A
Rated output power	: 240 W
Degree of protection	: IP65

Product data – type HBG-240-36, HBG-240-36B and HBG-240-36DA

Output voltage	: 37 Vdc Max.
Output current	: 6,7 A
Rated output power	: 240 W
Degree of protection	: IP67

Product data – type HBG-240-36A and HBG-240-36AB

Output voltage	: 37 Vdc Max.
Output current	: 6,7 A
Rated output power	: 240 W
Degree of protection	: IP65

Product data – type HBG-240-48, HBG-240-48B and HBG-240-48DA

Output voltage	: 49 Vdc Max.
Output current	: 5,0 A
Rated output power	: 240 W
Degree of protection	: IP67

Product data – type HBG-240-48A and HBG-240-48AB

Output voltage : 49 Vdc Max.
Output current : 5,0 A
Rated output power : 240 W
Degree of protection : IP65

Product data – type HBG-240-60, HBG-240-60B and HBG-240-60DA

Output voltage : 62 Vdc Max.
Output current : 4,0 A
Rated output power : 240 W
Degree of protection : IP67

Product data – type HBG-240-60A and HBG-240-60AB

Output voltage : 62 Vdc Max.
Output current : 4,0 A
Rated output power : 240 W
Degree of protection : IP65

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 490140300.

Additional information

Model reference:

HBG-240-xy

The “x” in the models name HBG-240-xy can be 24, 36, 48 or 60 to denote output voltage.

The “y” in the models name HBG-240-xy can be Blank, A, B, AB or DA to denote function mode option.

This certificate replaces certificate No. 35-106093 which we hereby declare invalid.

The list of components is laid down in test report 4901403.50, 4901403.51.

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

