

# 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 driver  
Trade name(s) : MEAN WELL  
Type(s)/model(s) : HBG-60-1050, HBG-60-1400 and HBG-60-2100

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

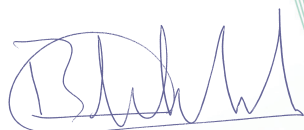
DEKRA hereby grants the right to use the ENEC certification mark.

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 27 December 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-102362 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K. Lin  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HBG-60-1050, HBG-60-1400 and HBG-60-2100
Rated input voltage	: 100-240 V~
Rated input current	: 0,7 A
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: 50 °C
Class of insulation	: Class II
Degree of protection	: IP20
Additional information	: Constant current mode; Thermal, short-circuit and overload protection ; with MM signs

**Product data – type HBG-60-1050**

Output voltage range	: 37-55 Vdc, max 60 Vdc.
Output current	: 1050 mA
Rated output power	: 57,75 W

**Product data – type HBG-60-1400**

Output voltage range	: 28-43 Vdc, max 50 Vdc.
Output current	: 1400 mA
Rated output power	: 60,2 W

**Product data – type HBG-60-2100**

Output voltage range	: 19-29 Vdc, max 35 Vdc.
Output current	: 2100 mA
Rated output power	: 60,9 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 438221300, 439780700.

**Additional information**

This certificate replaces certificate No. 35-102362 which we hereby declare invalid.

The list of components is laid down in test report 4382213.50, 4397807.50.

**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

