

CERTIFICATE

Issued to:
Applicant:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu Distri
New Taipei City 248, Taiwan

Licensee:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu Distri
New Taipei City 248, Taiwan

Product : Independent controlgear
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 EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- 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 19 December 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-102362

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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

Product	: Independent controlgear
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 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 434089300.

Additional information

This certificate replaces certificate No. 2175773.04 which we herewith declare invalid.

The list of components is laid down at test report 4340893.50.

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(s) : MEAN WELL stands for

