

CERTIFICATE

Issued to:
Applicant:
Mean Well Enterprises Co., Ltd.
No.28, Wuquan 3rd Road,Wugu Dist.,
New Taipei City, Taiwan

Manufacturer/Licensee:
Mean Well Enterprises Co., Ltd.
No.28, Wuquan 3rd Road,Wugu Dist.,
New Taipei City, Taiwan

Product : Built-in controlgear
Trade name : MEAN WELL
Types : HBG-60-1050P, HBG-60-1400P, HBG-60-2100P

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 61347-1:2008, EN 61347-2-13:2006; EN 62384:2006
- 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 KEMA-KEUR certification mark.

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

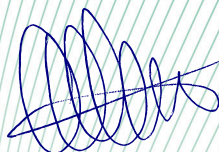
This certificate is issued on: 23 March 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2175773.03

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



A.P. van der Veen
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Built-in controlgear
trade name	:	MEAN WELL
types	:	HBG-60-1050P, HBG-60-1400P, HBG-60-2100P
rated voltage	:	100-240 V~
rated input	:	HBG-60-2100P: 0,7 A, pf: 0,95, ta: 50 °C HBG-60-1400P: 0,7 A, pf: 0,95, ta: 50 °C HBG-60-1050P: 0,7 A, pf: 0,95, ta: 50 °C
rated output	:	HBG-60-2100P: 2100 mA, 19-29 Vdc, max 35 Vdc HBG-60-1400P: 1400 mA, 28-43 Vdc, max 50 Vdc HBG-60-1050P: 1050 mA, 37-55 Vdc, max 60 Vdc
nature of supply	:	ac
rated frequency	:	50/60 Hz
degree of protection	:	IP 20
further information	:	Constant current mode

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013

EN 61347-2-13:2006

EN 62384:2006 + A1:2009

Test result

The test results are laid down in DEKRA test file 2175773.00.

Remarks

This certificate replaces the previous certificate 2175773.02, issued 23 December 2014 due to change in rated input.

The components used in the appliance are laid down in the relevant CB test certificate NL-33625 with test report no. 2175773.51.

Conclusion

The examination proved that all test requirements were met.

Tested by : J.G.H. Gelink

A handwritten signature in blue ink, appearing to read 'J.G.H. Gelink', written over a horizontal line.

Checked by : T.H.J.M. Michels

A handwritten signature in blue ink, appearing to read 'T.H.J.M. Michels', written over a horizontal line.

Factory location

Mean Well (Guangzhou) Electronics, Co.,Ltd
2F, A Building, Yuean Industrial Park, Huangcun, Dongpu Town,
Tianhe District, Guangzhou, Guandong,
China