

# 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 : independent controlgear  
Trade name : MEAN WELL  
Types : HBG-60-1050, HBG-60-1400, 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 standards 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: 24 December 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2175773.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



M. Wilde  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



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

product	:	independent controlgear
trade name	:	MEAN WELL
type(s)	:	HBG-60-1050, HBG-60-1400, HBG-60-2100
rated voltage	:	100-240 V~
rated input	:	HBG-60-2100: 0,7 A, PF 0,95, ta 50 °C, tc 85 °C HBG-60-1400: 0,7 A, PF 0,95, ta 50 °C, tc 85 °C HBG-60-1050: 0,7 A, PF 0,95, ta 50 °C, tc 85 °C
rated output	:	HBG-60-2100: 2100 mA, 19-29 Vdc, max 35 Vdc HBG-60-1400: 1400 mA, 28-43 Vdc, max 50 Vdc HBG-60-1050: 1050 mA, 37-55 Vdc, max 60 Vdc
nature of supply	:	ac
rated frequency	:	50/60 Hz
class of insulation	:	class II
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 2175773.01.

**Remarks**

The components used in the appliance are laid down in the relevant CB test certificate NL-33624, with test report no.2175773.50.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : J.G.H. Gelink

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

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

A handwritten signature in blue ink, appearing to be '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



**List of components**

Component	trade name	type/model	approval mark <sup>1)</sup>
*as listed in 2175773.50.	*	*	*
<sup>1)</sup> * indicates a component tested as part of the appliance			