

CERTIFICATE

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

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

Product : Independent LED driver
Trade name(s) : MEAN WELL
Type(s)/model(s) : HBGC-300-X-Y (X=H or M, Y=blank, A, AB, DA, ADA)

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 1 August 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-105192

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Rosa Zhou
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HBGC-300-H, HBGC-300-H-A, HBGC-300-H-AB, HBGC-300-H-ADA, HBGC-300-H-DA, HBGC-300-M, HBGC-300-M-A, HBGC-300-M-AB, HBGC-300-M-ADA and HBGC-300-M-DA
Rated input voltage	: 100-240 V~
Rated input current	: 3,6 A
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 80 °C
Ambient temperature (ta)	: 40 °C when input voltage 100-200 V 50 °C when input voltage 200-240 V
Max. output power	: 301,6 W
Power factor	: 0,95
Class of insulation	: Class I
Degree of protection	: IP67
Description	: Constant current mode, SELV 110 °C thermal protection, short-circuit and overload protection.

Product data – type HBGC-300-H, HBGC-300-H-A, HBGC-300-H-AB, HBGC-300-H-ADA and HBGC-300-H-DA

Output current	: max. 8,67 A
Output voltage range	: 29-58 Vdc
Max. output voltage	: 62 Vdc

Product data – type HBGC-300-M, HBGC-300-M-A, HBGC-300-M-AB, HBGC-300-M-ADA and HBGC-300-M-DA

Output current	: max. 4,33 A
Output voltage range	: 58-116 Vdc
Max. output voltage	: 120 Vdc

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 434536400.

Additional information

The list of components is laid down at test report 4345364.50.

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,
510890 Guangzhou, Guangdong, China

Trade name(s) : MEAN WELL stands for



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Type(s)/model(s) : HBGC-300-L-Y (Y=blank, A, AB, DA, ADA)

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- 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
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Managing Director



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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HBGC-300-L, HBGC-300-L-A, HBGC-300-L-AB, HBGC-300-L-ADA and HBGC-300-L-DA
Rated input voltage	: 100-240 V~
Rated input current	: 3,6 A
Rated frequency	: 50/60 Hz
Output current	: max. 2,17 A
Output voltage range	: 116-232 Vdc
Max. output voltage	: 240 Vdc
Rated output power	: 301,6 W
Max. case temperature (tc)	: 80 °C
Ambient temperature (ta)	: 40 °C when input voltage 100-200 V 50 °C when input voltage 200-240 V
Class	: Class I
Degree of protection	: IP67
Description	: Constant current mode, Non-SELV; 110 °C thermal, short-circuit and overload protection

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 62384:2006
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