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)	:	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(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 2 January 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-105192 REV.1

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

R Zhou
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem, The Netherlands
T +31 88 96 83000 F +31 88 96 83100 Company registration 09085396

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 61347-1:2015/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 438340600, 439780800.

Additional information

This certificate replaces certificate No. 35-105192 which we hereby declare invalid.

The list of components is laid down in test report 4397808.50, 4383406.50.

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

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Product	:	Independent LED driver
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	HBGC-300-L-Y (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(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
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Certificate number: 35-105193 REV.1

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

R Zhou
Certification Manager

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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 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result

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