CERTIFICATE

Issued to:

Applicant:	Licensee:
MEAN WELL Enterprises Co., Ltd.	**MEAN WELL Enterprises Co., Ltd.**
No.28, Wuquan 3rd Rd, Wugu District	No.28, Wuquan 3rd Rd, Wugu District
24891 New Taipei City, Taiwan	24891 New Taipei City, Taiwan

Product	:	Independent LED driver
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	HBG-100-xy

The product and any acceptable variation thereto as 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 EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021 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 17 May 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-106092 REV.1

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvAC 001

ENEC 05

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Independent LED driver
Trade name(s)	:	MEAN WELL
Type(s)/model(s)	:	HBG-100-24, HBG-100-24A, HBG-100-24AB, HBG-100-24B, HBG-100-24DA, HBG-100-24E, HBG-100-36, HBG-100-36A, HBG-100-36AB, HBG-100-36B, HBG-100-36DA, HBG-100-36E, HBG-100-48, HBG-100-48A, HBG-100-48AB, HBG-100-48B, HBG-100-48DA, HBG-100-48E, HBG-100-60, HBG-100-60A, HBG-100-60AB, HBG-100-60B, HBG-100-60DA and HBG-100-60E
Rated input voltage	:	100-240 V~
Rated input current	:	1,1 A
Rated frequency	:	50/60 Hz
Power factor	:	0,95
Ambient temperature (ta)	:	60 °C
Max. case temperature (tc)	:	85 °C
Class of insulation	:	Class I
Description	:	Thermal, short-circuit and overload protection with MM signs

TESTS

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

Test result
The test results are laid down in DEKRA test file 490140100.

Additional information
Model reference:
HBG-100-xy
The "x" in the models name HBG-100-xy can be 24, 36, 48 or 60 to denote output voltage.
The "y" in the models name HBG-100-xy can be Blank, A, B, AB, E or DA to denote function mode option.

This certificate replaces certificate No. 35-106092 which we hereby declare invalid.

The list of components is laid down in test report 4901401.50, 4901401.51.

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

Model list:

Model No	Input voltage (V)	Input current (A)	Output type	Output voltage (V dc)	Output current (A)	Output power (W)
HBG-100-24y	100-240	1,1	Constant current	Max. 25 Vdc	4,0 A	96 W
HBG-100-36y	100-240	1,1	Constant current	Max. 37 Vdc	2,7 A	97,2 W
HBG-100-48y	100-240	1,1	Constant current	Max. 49 Vdc	2,0 A	96 W
HBG-100-60y	100-240	1,1	Constant current	Max. 62 Vdc	1,6 A	96 W

Model Encoding:

y= blank, A, B, AB, E, DA, define for with or without dimming, IP value and enclosure type
Blank: Cable for I/O connection.
A: Adjusted through internal potentiometer.
B: Adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance.
AB: Adjusted through internal potentiometer or output cable with 0-10 Vdc or 10 V PWM signal or resistance.
E: With a steel support
DA: DALI function

Model difference:

Function mode	Main PCB	Dimming PCB	Dimming wire	Rear cover (with or without plastic cap)	IP
Blank	Same	Without	Without	Without	67
A	Same	Without	Without	With	65
B	Same	B type	With	Without	67
DA	Same	DA type	With	Without	67
E	Same	Without	Without	Without	67
AB	Same	B type	With	With	65