

CERTIFICATE

Issued to:
Applicant:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu District
24891 New Taipei City 248, Taiwan

Manufacturer/Licensee:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu District
24891 New Taipei City 248, Taiwan

Product : Independent LED drivers
Trade name(s) : MEAN WELL
Type(s)/model(s) : HVGC-480-x-y

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 62384:2006, EN 61347-2-13:2014/A1:2017 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 21 November 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-102080

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Rosa Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED drivers
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HVGC-480-H, HVGC-480-H-AB, HVGC-480-H-AD2, HVGC-480-H-ADA, HVGC-480-H-D2, HVGC-480-H-DA, HVGC-480-H-Dx, HVGC-480-L, HVGC-480-L-AB, HVGC-480-L-AD2, HVGC-480-L-ADA, HVGC-480-L-D2, HVGC-480-L-DA, HVGC-480-L-Dx, HVGC-480-M, HVGC-480-M-AB, HVGC-480-M-AD2, HVGC-480-M-ADA, HVGC-480-M-D2, HVGC-480-M-DA and HVGC-480-M-Dx
Rated input voltage	: 200-400 VAC
Rated input current	: 2,8 A
Nature of supply	: a.c.
Rated frequency	: 50/60 Hz
Class of insulation	: Class I
Additional information	: Constant current mode; Thermal, short-circuit and overload protection; The "x" in the models name HVGC-480-x-y can be H, M and L to denote different output current and output voltage; The "y" in the models name HVGC-480-x-y can be Blank, AB, Dx, D2, DA, ADA or AD2 to denote function mode option.

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-2-13:2014
EN 62384:2006
EN 61347-2-13:2014/A1:2017
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 433934600.

Additional information

The list of components is laid down at test report 4339346.50.

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,
Guangzhou City, Guangdong Province, China

Trade name(s) : MEAN WELL stands for



Model List:

Model No	Input voltage (V)	Input current (A)	PF	ta (°C)	tc (°C)	Output voltage (V dc)	Output current (mA)	Output power (W)
HVGC-480-L-y	200-400	2,8	0,95	40	90	137-343, 350 Max	1750	480
HVGC-480-M-y	200-400	2,8	0,95	40	90	92-228,5, 240 Max	2625	480
HVGC-480-H-y	200-400	2,8	0,95	40	90	68-171,5, 180 Max	3500	480

Model Encoding:

HVGC-480-x-y

The “x” in the models name can be H, M and L to denote different output current and output voltage.

The “y” in the models name can be Blank, AB, Dx, D2, DA, ADA or AD2 to denote function mode option.

Blank: Cable for I/O connection.

AB: I_O can be adjusted through internal potentiometer or output cable with 0-10 Vdc or 10 V PWM signal or resistance.

Dx: Smart timer dimming.

D2: Smart timer dimming can be function by user request.

DA: DALI function

ADA: DALI function and I_O can be adjusted through internal potentiometer

AD2: Smart timer dimming can be programmed by output cable and I_O can be adjusted through internal potentiometer.

Model difference:

Function mode	Main PCB	Dimming PCB	Diming wire	Front cover (with or without plastic cap)	IP
Blank	Same	B type	Without	Without	67
AB	Same	B type	With	With	65
Dx	Same	D type	Without	Without	67
D2	Same	D type	With	Without	67
AD2	Same	D type	With	With	65
DA	Same	DA type	With	Without	67
ADA	Same	DA type	With	With	65