

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 drivers
Trade name(s) : MEAN WELL
Type(s)/model(s) : HVGC-240-XY (X=700, 1050, 1400, 1750, 2100, 2800 or 3500, Y= A, B, AB, D, D2)

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 29 September 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-105863

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kate Xu
Certification Manager

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DUTCH ACCREDITATION
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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-240-1050A, HVGC-240-1050AB, HVGC-240-1050B, HVGC-240-1050D, HVGC-240-1050D2, HVGC-240-1400A, HVGC-240-1400AB, HVGC-240-1400B, HVGC-240-1400D, HVGC-240-1400D2, HVGC-240-1750A, HVGC-240-1750AB, HVGC-240-1750B, HVGC-240-1750D, HVGC-240-1750D2, HVGC-240-2100A, HVGC-240-2100AB, HVGC-240-2100B, HVGC-240-2100D, HVGC-240-2100D2, HVGC-240-2800A, HVGC-240-2800AB, HVGC-240-2800B, HVGC-240-2800D, HVGC-240-2800D2, HVGC-240-3500A, HVGC-240-3500AB, HVGC-240-3500B, HVGC-240-3500D, HVGC-240-3500D2, HVGC-240-700A, HVGC-240-700AB, HVGC-240-700B, HVGC-240-700D and HVGC-240-700D2
Rated input voltage	: 200-400 V~
Rated input current	: 1,5 A
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 90 °C
Ambient temperature (ta)	: 50 °C
Class	: I
Power factor	: 0,95
Description	: Non-SELV Independent controlgear, constant current, non-inherently short-circuit proof, 110 °C thermal protection, MM mark

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 434663000.

Additional information

The list of components is laid down at test report 4346630.50.

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


Model list:

Model No	Input voltage (V)	Input current (A)	PF	Output voltage (V dc)	Output current (mA)	Output power (W)
HVGC-240-700Y	200-400	1,5	0,95	171,4-342,8 Vdc, Max. 354 Vdc	700	240
HVGC-240-1050Y	200-400	1,5	0,95	114,3-228,6 Vdc, Max. 235 Vdc	1050	240
HVGC-240-1400Y	200-400	1,5	0,95	85,7-171,4 Vdc, Max. 176 Vdc	1400	240
HVGC-240-1750Y	200-400	1,5	0,95	68,5-137,1 Vdc, Max. 141 Vdc	1750	240
HVGC-240-2100Y	200-400	1,5	0,95	57,2-114,3 Vdc, Max. 117 Vdc	2100	240
HVGC-2402800Y	200-400	1,5	0,95	42,9-85,7 Vdc, Max. 88 Vdc	2800	240
HVGC-240-3500Y	200-400	1,5	0,95	34,3-68,6 Vdc, Max. 71 Vdc	3500	240,1

Model Encoding:

HVGC-240-XY

The "X" in the models name can be 700, 1050, 1400, 1750, 2100, 2800 or 3500 to denote different output current.

The "Y" in the models name can be A, B, AB, D or D2 to denote function mode option.

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.

D: Smart timer dimming.

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

Model difference:

Function mode	Main PCB	Dimming PCB	Dimming wire	Rear cover (with or without plastic cap)	IP
A	Same	Without	Without	With	65
B	Same	B	With	Without	67
AB	Same	B	With	With	65
D	Same	D	Without	Without	67
D2	Same	D	With	Without	67