

# 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) : 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 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 61347-1:2015, 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

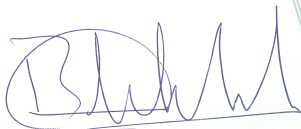
DEKRA hereby grants the right to use the ENEC certification mark.

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 21 March 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-105863 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



R Zhou  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Independent LED driver
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 of insulation	: 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 61347-1:2015/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 438341000, 490032200.

**Additional information**

This certificate replaces certificate No. 35-105863 which we hereby declare invalid.

The list of components is laid down in test report 4900322.50, 4383410.50.

**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



**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