

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 drivers
Trade name(s) : MEAN WELL
Type(s)/model(s) : HVGC-320-1050A, HVGC-320-1050AB, HVGC-320-1050B, HVGC-320-1050D, HVGC-320-1050D2, HVGC-320-1400A, HVGC-320-1400AB, HVGC-320-1400B, HVGC-320-1400D, HVGC-320-1400D2, HVGC-320-1750A, HVGC-320-1750AB, HVGC-320-1750B, HVGC-320-1750D, HVGC-320-1750D2, HVGC-320-2100A, HVGC-320-2100AB, HVGC-320-2100B, HVGC-320-2100D, HVGC-320-2100D2, HVGC-320-2800A, HVGC-320-2800AB, HVGC-320-2800B, HVGC-320-2800D, HVGC-320-2800D2, HVGC-320-3500A, HVGC-320-3500AB, HVGC-320-3500B, HVGC-320-3500D, HVGC-320-3500D2, HVGC-320-700A, HVGC-320-700AB, HVGC-320-700B, HVGC-320-700D and HVGC-320-700D2

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/A1:2009 and EN 62384:2006
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2175773

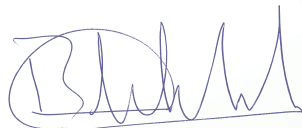
DEKRA hereby grants the right to use the ENEC certification mark.

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 22 June 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-114381

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED drivers
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HVGC-320-1050A, HVGC-320-1050AB, HVGC-320-1050B, HVGC-320-1050D, HVGC-320-1050D2, HVGC-320-1400A, HVGC-320-1400AB, HVGC-320-1400B, HVGC-320-1400D, HVGC-320-1400D2, HVGC-320-1750A, HVGC-320-1750AB, HVGC-320-1750B, HVGC-320-1750D, HVGC-320-1750D2, HVGC-320-2100A, HVGC-320-2100AB, HVGC-320-2100B, HVGC-320-2100D, HVGC-320-2100D2, HVGC-320-2800A, HVGC-320-2800AB, HVGC-320-2800B, HVGC-320-2800D, HVGC-320-2800D2, HVGC-320-3500A, HVGC-320-3500AB, HVGC-320-3500B, HVGC-320-3500D, HVGC-320-3500D2, HVGC-320-700A, HVGC-320-700AB, HVGC-320-700B, HVGC-320-700D and HVGC-320-700D2
Rated input voltage	: 200-400 V~
Rated input current	: 1,8 A
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 90 °C
Ambient temperature (ta)	: 55 °C
Power factor	: 0,95
Class of insulation	: Class I
Additional information	: Non-SELV Independent controlgear, constant current, non-inherently short-circuit proof, 110 °C thermal protection, MM mark

Product data – type HVGC-320-1050A, HVGC-320-1050AB, HVGC-320-1050B, HVGC-320-1050D and HVGC-320-1050D2

Output voltage	: 152,4-304,8 Vdc, Max. 311 Vdc
Output current	: 1050 mA
Output power	: 320 W

Product data – type HVGC-320-1400A, HVGC-320-1400AB, HVGC-320-1400B, HVGC-320-1400D and HVGC-320-1400D2

Output voltage	: 114,3-228,6 Vdc, Max. 234 Vdc
Output current	: 1400 mA
Output power	: 320 W

Product data – type HVGC-320-1750A, HVGC-320-1750AB, HVGC-320-1750B, HVGC-320-1750D and HVGC-320-1750D2

Output voltage	: 91,4-182,8 Vdc, Max. 187 Vdc
Output current	: 1750 mA
Output power	: 320 W

Product data – type HVGC-320-2100A, HVGC-320-2100AB, HVGC-320-2100B, HVGC-320-2100D and HVGC-320-2100D2

Output voltage	: 76,2-152,4 Vdc, Max. 156 Vdc
Output current	: 2100 mA
Output power	: 320 W

Product data – type HVGC-320-2800A, HVGC-320-2800AB, HVGC-320-2800B, HVGC-320-2800D and HVGC-320-2800D2

Output voltage : 57-114,3 Vdc, Max. 118 Vdc
Output current : 2800 mA
Output power : 320 W

Product data – type HVGC-320-3500A, HVGC-320-3500AB, HVGC-320-3500B, HVGC-320-3500D and HVGC-320-3500D2

Output voltage : 45,7-91,4 Vdc, Max. 94 Vdc
Output current : 3500 mA
Output power : 320 W

Product data – type HVGC-320-700A, HVGC-320-700AB, HVGC-320-700B, HVGC-320-700D and HVGC-320-700D2

Output voltage : 214-428 Vdc, Max. 442 Vdc
Output current : 700 mA
Output power : 300 W

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 436533100.

Additional information

The list of components is laid down at test report 4365331.50, 4347604.51.

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 510890, Guangdong, China

Trade name(s) : MEAN WELL stands for



Model Encoding:

HVGC-320-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