

# 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) : HLG-320H-CXY(X=700, 1050, 1400, 1750, 2100, 2800 or 3500, Y= Blank, A, B, AB, D, D2, DA, ADA or AD2)

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 3 May 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-115734 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
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)	: HLG-320H-C1050, HLG-320H-C1050A, HLG-320H-C1050AB, HLG-320H-C1050AD2, HLG-320H-C1050ADA, HLG-320H-C1050B, HLG-320H-C1050D, HLG-320H-C1050D2, HLG-320H-C1050DA, HLG-320H-C1400, HLG-320H-C1400A, HLG-320H-C1400AB, HLG-320H-C1400AD2, HLG-320H-C1400ADA, HLG-320H-C1400B, HLG-320H-C1400D, HLG-320H-C1400D2, HLG-320H-C1400DA, HLG-320H-C1750, HLG-320H-C1750A, HLG-320H-C1750AB, HLG-320H-C1750AD2, HLG-320H-C1750ADA, HLG-320H-C1750B, HLG-320H-C1750D, HLG-320H-C1750D2, HLG-320H-C1750DA, HLG-320H-C2100, HLG-320H-C2100A, HLG-320H-C2100AB, HLG-320H-C2100AD2, HLG-320H-C2100ADA, HLG-320H-C2100B, HLG-320H-C2100D, HLG-320H-C2100D2, HLG-320H-C2100DA, HLG-320H-C2800, HLG-320H-C2800A, HLG-320H-C2800AB, HLG-320H-C2800AD2, HLG-320H-C2800ADA, HLG-320H-C2800B, HLG-320H-C2800D, HLG-320H-C2800D2, HLG-320H-C2800DA, HLG-320H-C3500, HLG-320H-C3500A, HLG-320H-C3500AB, HLG-320H-C3500AD2, HLG-320H-C3500ADA, HLG-320H-C3500B, HLG-320H-C3500D, HLG-320H-C3500D2, HLG-320H-C3500DA, HLG-320H-C700, HLG-320H-C700A, HLG-320H-C700AB, HLG-320H-C700AD2, HLG-320H-C700ADA, HLG-320H-C700B, HLG-320H-C700D, HLG-320H-C700D2 and HLG-320H-C700DA
Rated input voltage	: 100-240 Vac
Rated input current	: 3,5 A
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature (ta)	: 50 °C
Max. case temperature (tc)	: 85 °C
Class of insulation	: Class I
Description	: Thermal, short-circuit and overload protection with MM signs

**Product data – type HLG-320H-C1050, HLG-320H-C1050A, HLG-320H-C1050AB, HLG-320H-C1050AD2, HLG-320H-C1050ADA, HLG-320H-C1050B, HLG-320H-C1050D, HLG-320H-C1050D2 and HLG-320H-C1050DA**

Output voltage	: 152-305 Vdc, Max. 311 Vdc
Output current	: 1050 mA
Rated power	: 320,25 W

**Product data – type HLG-320H-C1400, HLG-320H-C1400A, HLG-320H-C1400AB, HLG-320H-C1400AD2, HLG-320H-C1400ADA, HLG-320H-C1400B, HLG-320H-C1400D, HLG-320H-C1400D2 and HLG-320H-C1400DA**

Output voltage	: 114-229 Vdc, Max. 234 Vdc
Output current	: 1400 mA
Rated power	: 320,6 W

**Product data – type HLG-320H-C1750, HLG-320H-C1750A, HLG-320H-C1750AB, HLG-320H-C1750AD2, HLG-320H-C1750ADA, HLG-320H-C1750B, HLG-320H-C1750D, HLG-320H-C1750D2 and HLG-320H-C1750DA**

Output voltage : 91-183 Vdc, Max. 187 Vdc  
Output current : 1750 mA  
Rated power : 320,25 W

**Product data – type HLG-320H-C2100, HLG-320H-C2100A, HLG-320H-C2100AB, HLG-320H-C2100AD2, HLG-320H-C2100ADA, HLG-320H-C2100B, HLG-320H-C2100D, HLG-320H-C2100D2 and HLG-320H-C2100DA**

Output voltage : 76-152 Vdc, Max. 156 Vdc  
Output current : 2100 mA  
Rated power : 319,2 W

**Product data – type HLG-320H-C2800, HLG-320H-C2800A, HLG-320H-C2800AB, HLG-320H-C2800AD2, HLG-320H-C2800ADA, HLG-320H-C2800B, HLG-320H-C2800D, HLG-320H-C2800D2 and HLG-320H-C2800DA**

Output voltage : 57-114 Vdc, Max. 118 Vdc  
Output current : 2800 mA  
Rated power : 319,2 W

**Product data – type HLG-320H-C3500, HLG-320H-C3500A, HLG-320H-C3500AB, HLG-320H-C3500AD2, HLG-320H-C3500ADA, HLG-320H-C3500B, HLG-320H-C3500D, HLG-320H-C3500D2 and HLG-320H-C3500DA**

Output voltage : 46-91 Vdc, Max. 95 Vdc  
Output current : 3500 mA  
Rated power : 318,5 W

**Product data – type HLG-320H-C700, HLG-320H-C700A, HLG-320H-C700AB, HLG-320H-C700AD2, HLG-320H-C700ADA, HLG-320H-C700B, HLG-320H-C700D, HLG-320H-C700D2 and HLG-320H-C700DA**

Output voltage : 214-428 Vdc, Max. 435 Vdc  
Output current : 700 mA  
Rated power : 299,6 W

**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 490140000.

**Additional information**

This certificate replaces certificate No. 35-115734 which we hereby declare invalid.

The list of components is laid down in test report 4901400.50, 4901400.51.

**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 rating	Output rating
HLG-320H-C700Y	3,5 A, 100-240 Vac, 50/60 Hz	214-428 Vdc, 700 mA, Rated Power: 299,6 W, Uout = Max. 435 Vdc
HLG-320H-C1050Y		152-305 Vdc, 1050 mA, Rated Power: 320,25 W, Uout = Max. 311 Vdc
HLG-320H-C1400Y		114-229 Vdc, 1400 mA, Rated Power: 320,6 W, Uout = Max. 234 Vdc
HLG-320H-C1750Y		91-183 Vdc, 1750 mA, Rated Power: 320,25 W, Uout = Max. 187 Vdc
HLG-320H-C2100Y		76-152 Vdc, 2100 mA, Rated Power: 319,2 W, Uout = Max. 156 Vdc
HLG-320H-C2800Y		57-114 Vdc, 2800 mA, Rated Power: 319,2 W, Uout = Max. 118 Vdc
HLG-320H-C3500Y		46-91 Vdc, 3500 mA, Rated Power: 318,5 W, Uout = Max. 95 Vdc

**Model Encoding:**

HLG-320H-CXY

X= 700, 1050, 1400, 1750, 2100, 2800 or 3500 define for output current.

Y= blank, A, B, AB, D, D2, DA, ADA, AD2 define for dimming function mode.

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

D: Smart timer dimming

D2: Smart timer dimming can be programmed by output cable.

DA: DALI function

ADA: DALI function and adjusted through internal potentiometer,

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

**Model difference:**

Function mode	Main PCB	Dimming PCB	Diming wire	Top 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

AB	Same	B type	With	With	65
D	Same	D type	Without	Without	67
D2	Same	D type	With	Without	67
DA	Same	DA type	With	Without	67
AD2	Same	D type	With	With	65
ADA	Same	DA type	With	With	65