

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-xH-Cyz

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(s) 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

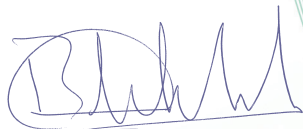
DEKRA hereby grants the right to use the ENEC certification mark.

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 26 February 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-104439 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
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 driver
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: HLG-120H-C1050A, HLG-120H-C1050AB, HLG-120H-C1050B, HLG-120H-C1050D, HLG-120H-C1400A, HLG-120H-C1400AB, HLG-120H-C1400B, HLG-120H-C1400D, HLG-120H-C350A, HLG-120H-C350AB, HLG-120H-C350B, HLG-120H-C350D, HLG-120H-C500A, HLG-120H-C500AB, HLG-120H-C500B, HLG-120H-C500D, HLG-120H-C700A, HLG-120H-C700AB, HLG-120H-C700B, HLG-120H-C700D, HLG-185H-C1050A, HLG-185H-C1050AB, HLG-185H-C1050B, HLG-185H-C1050D, HLG-185H-C1400A, HLG-185H-C1400AB, HLG-185H-C1400B, HLG-185H-C1400D, HLG-185H-C700A, HLG-185H-C700AB, HLG-185H-C700B, HLG-185H-C700D, HLG-185H-C500A, HLG-185H-C500AB, HLG-185H-C500B and HLG-185H-C500D
Rated input voltage	: 100-240 V~
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Max. case temperature (tc)	: 90 °C
Class of insulation	: Class I
Description	: Thermal, short-circuit and overload protection with MM signs

Product data – type HLG-120H-C1050A, HLG-120H-C1050AB, HLG-120H-C1050B and HLG-120H-C1050D

Input current	: 1,85 A
Output voltage	: 148 Vdc
Output current	: 1,05 A
Rated power	: 155,4 W
Ambient temperature (ta)	: 60°C

Product data – type HLG-120H-C1400A, HLG-120H-C1400AB, HLG-120H-C1400B and HLG-120H-C1400D

Input current	: 1,85 A
Output voltage	: 108 Vdc
Output current	: 1,40 A
Rated power	: 151,2 W
Ambient temperature (ta)	: 60°C

Product data – type HLG-120H-C350A, HLG-120H-C350AB, HLG-120H-C350B and HLG-120H-C350D

Input current	: 1,85 A
Output voltage	: 430 Vdc
Output current	: 0,35 A
Rated power	: 150,5 W
Ambient temperature (ta)	: 60°C

Product data – type HLG-120H-C500A, HLG-120H-C500AB, HLG-120H-C500B and HLG-120H-C500D

Input current	: 1,85 A
Output voltage	: 300 Vdc
Output current	: 0,5 A
Rated power	: 150 W

Ambient temperature (ta) : 60°C

Product data – type HLG-120H-C700A, HLG-120H-C700AB, HLG-120H-C700B and HLG-120H-C700D

Input current : 1,85 A
Output voltage : 215 Vdc
Output current : 0,7 A
Rated power : 150,5 W
Ambient temperature (ta) : 60°C

Product data – type HLG-185H-C1050A, HLG-185H-C1050AB, HLG-185H-C1050B and HLG-185H-C1050D

Input current : 2,4 A
Output voltage : 190 Vdc
Output current : 1,05 A
Rated power : 199,5 W
Ambient temperature (ta) : 45°C or 50°C

Product data – type HLG-185H-C1400A, HLG-185H-C1400AB, HLG-185H-C1400B and HLG-185H-C1400D

Input current : 2,4 A
Output voltage : 143 Vdc
Output current : 1,40 A
Rated power : 200,2 W
Ambient temperature (ta) : 45°C or 50°C

Product data – type HLG-185H- C500A, HLG-185H- C500AB, HLG-185H- C500B and HLG-185H- C500D

Input current : 2,4 A
Output voltage : 400 Vdc
Out current : 0,5 A
Rated power : 200 W
Ambient temperature (ta) : 45°C or 50°C

Product data – type HLG-185H-C700A, HLG-185H-C700AB, HLG-185H-C700B and HLG-185H-C700D

Input current : 2,4 A
Output voltage : 286 Vdc
Output current : 0,7 A
Rated power : 200,2 W
Ambient temperature (ta) : 45°C or 50°C

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 438340400, 439895800.

Additional information

Model/Type reference:

HLG-xH-Cyz

The "x" in the model name can be 120 or 185 to denote output power;

The "y" in the model name can be 350, 500, 700, 1050, 1400 to denote output current;

The "z" in the model name can be A, B, D or AB to denote output wire, IP value and enclosure type

Model Encoding:

"z" can be A, B, D or AB to denote output wire, IP value and enclosure type as below description:

- "A": IP65, output wire type is Min. 0,75 mm² * 2C x1 (indoor use), 18 AWG * 2C x1 (indoor use) or 1,0 mm² * 2C x1 (Rubber wire). Top cover has one hole which is blocked with a plastic cap. (The hole for manufacturer to adjust the Io ADJ. and has been covered and sealed by rubber caps, it shall not be opened and adjusted by user. Specified in installation instruction.)

- "B": IP67, output and dimming wire type are Min. 0,75 mm² * 2C x2 (indoor use), 18 AWG * 2C x2 (indoor use) or 1,0 mm² * 2C x2 (Rubber wire). Top cover has no hole provided.

- "D": IP67, output wire type is Min. 0,75 mm² * 2C x1 (indoor use), 18 AWG*2C x1 (indoor use) or 1,0 mm² * 2C x1 (Rubber wire). Top cover has no hole provided.

- "AB": IP65, output and dimming wire type are Min. 0,75 mm² * 2C x 2 (indoor use), 18 AWG*2C x2 (indoor use) or 1,0 mm² * 2C x 2 (Rubber wire). Top cover has one hole which is blocked with a plastic cap. (The hole for manufacturer to adjust the Io ADJ. and has been covered and sealed by rubber caps, it shall not be opened and adjusted by user. Specified in installation instruction.)

- There are two kinds of dimming control board (called type A and type B), type A is used when the "z" = B or AB, type B is used when the "z" = D. The dimming circuits are located in live secondary circuit. The dimming output must be double/reinforced insulated from primary circuits and be adequately separated from secondary circuit in the end application.

This certificate replaces certificate No. 35-104439 which we hereby declare invalid.

The list of components is laid down in test report 4383404.50, 4398958.50.

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

