

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

## CB TEST CERTIFICATE

## Product

Independent LED driver

## Name and address of the applicant

MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd Rd, Wugu District, 24891 New Taipei City  
Taiwan

## Name and address of the manufacturer

MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd Rd, Wugu District, 24891 New Taipei City  
Taiwan

## Name and address of the factory

MEAN WELL (GUANGZHOU) Electronics Co., Ltd.  
No.11 Jingu South Road, Huadu District, 510890 Guangzhou Guangdong  
China

When more than one factory, please report on page  
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 Additional information on page 2

## Ratings and principal characteristics

**Product data**

Ratings: Class I,  $\lambda$ : 0,95, Isolating Independent controlgears, constant current, non-inherently short-circuit proof, 110 °C thermal protection;  
Input: 100-240 V~, 50/60 Hz, PF: 0,95,  
Other information refer to General product information of test report for details.

**Product data – type HLG-120H- C1050z, HLG-120H- C1400z, HLG-120H- C350z, HLG-120H- C500z and HLG-120H- C700z**

Ratings:

1,85 A, ta: 60 °C, tc: 90 °C

**Product data – type HLG-185H- C1050z, HLG-185H- C1400z, HLG-185H- C500z and HLG-185H- C700z**

Ratings:

2,4 A, ta: 45 °C or 50 °C, tc: 90 °C

## Trademark / Brand (if any)



MEAN WELL

## Customer's Testing Facility (CTF) Stage used

## Model / Type Ref.

HLG-120H- C1050z, HLG-120H- C1400z, HLG-120H- C350z,

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DEKRA Certification B.V.  
Meander 1051  
6825 MJ Arnhem  
Netherlands

Date: 5 December 2023

  
Signature: C Chen



Ref. Certif. No.

NL-102179

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Additional information (if necessary may also be reported on page 2)

A sample of the product was tested and found to be in conformity with

As shown in the Test Report Ref. No. which forms part of this Certificate

HLG-120H- C500z, HLG-120H- C700z, HLG-185H- C1050z, HLG-185H- C1400z, HLG-185H- C500z and HLG-185H- C700z

Additional information on page 2

IEC 61347-1:2015, IEC 61347-1:2015/AMD1:2017, IEC 61347-2-13:2014 and IEC 61347-2-13:2014/AMD1:2016

National differences:

AU, EU Group Differences, GB, JP, NZ

4911307.50

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**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME****Additional factory**

YONGDEN TECHNOLOGY CORPORATION  
345 MacArthur HighWay Tabang, 3015 Guiguinto, Bulacan  
Philippines

MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd Rd, Wugu District, 24891 New Taipei City  
Taiwan

SuZhou MEAN WELL Technology Co., Ltd.  
No.269, Changping Road, Huangdai Town, Xiangcheng District, 215152 Suzhou Jiangsu  
China

MEAN WELL INDIA ELECTRONICS PRIVATE LIMITEED  
9C, Peenya industrial area, Chokkasandra, 2ND PHASE, PEENYA, Bengaluru (Bangalore) Urban, Karnataka, 560058  
India

**Additional information**

Model/Type reference:

"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 mm<sup>2</sup> \* 2C x1 (indoor use), 18 AWG \* 2C x1 (indoor use) or 1,0 mm<sup>2</sup> \* 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 mm<sup>2</sup> \* 2C x2 (indoor use), 18 AWG \* 2C x2 (indoor use) or 1,0 mm<sup>2</sup> \* 2C x2 (Rubber wire). Top cover has no hole provided.

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

"AB": IP65, output and dimming wire type are Min. 0,75 mm<sup>2</sup> \* 2C x 2 (indoor use), 18 AWG\*2C x2 (indoor use) or 1,0 mm<sup>2</sup> \* 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.

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