


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, New Taipei City 24891 Taiwan
Name and address of the manufacturer	MEAN WELL Enterprises Co., Ltd. No.28, Wuquan 3rd Rd., Wugu District, New Taipei City 24891 Taiwan
Name and address of the factory	<input checked="" type="checkbox"/> <a href="#">Additional information on page 2</a> MEAN WELL (GUANGZHOU) Electronics Co. Ltd. Huadu Branch No.11 Jingu South Road, Huadong Town, Huadu District, Guangzhou 510890, Guangdong China
Ratings and principal characteristics <small>Note: When more than one factory, please report on page 2</small>	Class I, ta: 45 °C, tc: 85 °C, λ: 0,95, SELV Independent controlgears, constant current, non-inherently short-circuit proof, 110 °C thermal protection; Other information refers to General product information of test report for details.
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	HVGC-650-X-Y, HVGC-650A-X-Y, HVGC-650-U-AB-HSP (X=H or U, Y=blank, AB, D2, Dx, DA, PL)
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> <a href="#">Additional information on page 2</a> This CB Test Certificate is an addition to CB NL-54778 with Test Report Number 4348572.50 dated 2018-10-17 due to added new model, factory and updated Deviations.
A sample of the product was tested and found to be in conformity with	IEC 61347-1:2015, IEC 61347-2-13:2014, IEC 61347-2-13:2014/AMD1:2016  <b>National differences:</b> EU Group Differences, EU Special National Conditions, AU, NZ
As shown in the Test Report Ref. No. which forms part of this Certificate	4359827.50

This CB Test Certificate is issued by the National Certification Body

 DEKRA Certification B.V.  
 Meander 1051, NL-6825 MJ Arnhem, Netherlands


**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
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MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd Rd., Wugu District, New Taipei City 24891  
Taiwan

Suzhou MEAN WELL Technology Co., Ltd.  
No. 77, Jian-min Road, Dong-qiao, Pan-yang Ind. Park, Huang-dai Town,  
Xiang-cheng District, Suzhou, 215152 Jiangsu  
China

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


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## CB TEST CERTIFICATE

Product	Independent LED driver
Name and address of the applicant	MEAN WELL Enterprises Co., Ltd. No.28, Wuquan 3rd Road, Wugu Dist, New Taipei City 248 Taiwan
Name and address of the manufacturer	MEAN WELL Enterprises Co., Ltd. No.28, Wuquan 3rd Road, Wugu Dist, New Taipei City 248 Taiwan
Name and address of the factory	<input checked="" type="checkbox"/> <a href="#">Additional information on page 2</a> MEAN WELL (Guangzhou) Electronics Co. Ltd. Huadu Branch No.11 Jingu South Road, Huadong Town, Huadu District, 510890 Guangzhou, Guangdong China
Ratings and principal characteristics	Class I, ta: 45 °C, tc: 85 °C, λ: 0,95, Non-SELV Independent controlgears, constant current, non-inherently short-circuit proof, 110 °C thermal protection; (Details refer to General product information of test report.)
Trademark (if any)	
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	HVGC-650-X-Y, HVGC-650A-X-Y (X=L or M, Y= blank, AB, D2, Dx, DA, PL)
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> <a href="#">Additional information on page 2</a> This CB Test Certificate is an addition to CB NL-53768 with Test Report Number 4344561.51 dated 2018-08-03 due to slightly changed PCB layout for all models and added it as alternative construction.
A sample of the product was tested and found to be in conformity with	IEC 61347-1:2015, IEC 61347-2-13:2014, IEC 61347-2-13:2014/AMD1:2016 <b>National differences:</b> EU Group Differences, EU Special National Conditions, AU, NZ
As shown in the Test Report Ref. No. which forms part of this Certificate	4348572.51

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(IECEE) CB SCHEME****Additional factory**

MEAN WELL Enterprises Co., Ltd.  
No.28, Wuquan 3rd, Wugu Dist, New Taipei City 248  
Taiwan

Suzhou MEAN WELL Technology Co., Ltd.  
No. 77, Jian-min Road, Dong-qiao, Pan-yang Ind. Park, Huang-dai Town,  
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