

CERTIFICATE

Issued to:

Applicant:

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

Licensee:

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

Product : Independent LED controlgears
Trade name(s) : MEAN WELL
Type(s)/model(s) : ODLV-45x-y, ODLV-65x-y, IDLV-45x-y, IDLV-65x-y (x=blank or
A;y=12,24,36,48,60)

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

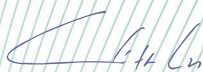
This certificate is issued on 13 June 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-104462

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Cliff Lin
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED controlgears
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: IDLV-45-12, ODLV-45-12, IDLV-45-24, ODLV-45-24, IDLV-45-36, ODLV-45-36, IDLV-45-48, ODLV-45-48, IDLV-45-60, ODLV-45-60, IDLV-45A-12, ODLV-45A-12, IDLV-45A-24, ODLV-45A-24, IDLV-45A-36, ODLV-45A-36, IDLV-45A-48, ODLV-45A-48, IDLV-45A-60, ODLV-45A-60, IDLV-65-12, ODLV-65-12, IDLV-65-24, ODLV-65-24, IDLV-65-36, ODLV-65-36, IDLV-65-48, ODLV-65-48, IDLV-65-60, ODLV-65-60, IDLV-65A-12, ODLV-65A-12, IDLV-65A-24, ODLV-65A-24, IDLV-65A-36, ODLV-65A-36, IDLV-65A-48, ODLV-65A-48 and IDLV-65A-60, ODLV-65A-60
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature (ta)	: 40 °C for IDLV series 50 °C for ODLV-45 series 45 °C for ODLV-65 series
Max. case temperature (tc)	: 85 °C
Class of insulation	: Class II
Additional information	: Thermal, short-circuit and overload protection with MM signs

Product data – type IDLV-45-12, ODLV-45-12

Input voltage	: 100-240 V~
Input current	: 0,6 A
Output voltage	: 12 Vdc
Output current	: 3 A
Max. output power	: 36 W

Product data – type IDLV-45-24, ODLV-45-24

Input voltage	: 100-200 V~, 200-240 V~
Input current	: 0,6 A
Output voltage	: 24 Vdc
Output current	: 1,5 A when input voltage 100-200 V~ 1,88 A when input voltage 200-240 V~
Max. output power	: 36 W when input voltage 100-200 V~ 45,12 W when input voltage 200-240 V~

Product data – type IDLV-45-36, ODLV-45-36

Input voltage	: 100-200 V~, 200-240 V~
Input current	: 0,6 A
Output voltage	: 36 Vdc
Output current	: 1 A when input voltage 100-200 V~ 1,25 A when input voltage 200-240 V~
Max. output power	: 36 W when input voltage 100-200 V~ 45 W when input voltage 200-240 V~

Product data – type IDLV-45-48, ODLV-45-48

Input voltage	: 100-200 V~, 200-240 V~
Input current	: 0,6 A
Output voltage	: 48 Vdc

Output current	: 0,75 A when input voltage 100-200 V~ 0,94 A when input voltage 200-240 V~
Max. output power	: 36 W when input voltage 100-200 V~ 45,12 W when input voltage 200-240 V~

Product data – type IDLV-45-60, ODLV-45-60

Input voltage	: 100-200 V~, 200-240 V~
Input current	: 0,6 A
Output voltage	: 60 Vdc
Output current	: 0,6 A when input voltage 100-200 V~ 0,75 A when input voltage 200-240 V~
Max. output power	: 36 W when input voltage 100-200 V~ 45 W when input voltage 200-240 V~

Product data – type IDLV-45A-12, ODLV-45A-12

Input voltage	: 100-240 V~
Input current	: 0,6 A
Output voltage	: V_0 : 12 Vdc, V_{AUX} : 12 Vdc
Output current	: I_0 : 3 A I_{AUX} : 0,05 A
Max. output power	: W_0 : 36 W W_{AUX} : 0,6 W

Product data – type IDLV-45A-24, ODLV-45A-24

Input voltage	: 100-200 V~, 200-240 V~
Input current	: 0,6 A
Output voltage	: V_0 : 24 Vdc, V_{AUX} : 12 Vdc
Output current	: I_0 : 1,5 A, I_{AUX} : 0,05 A when input voltage 100-200 V~ I_0 : 1,88 A, I_{AUX} : 0,05 A when input voltage 200-240 V~
Max. output power	: W_0 : 36 W, W_{AUX} : 0,6 W when input voltage 100-200 V~ W_0 : 45,12 W, W_{AUX} : 0,6 W when input voltage 200-240 V~

Product data – type IDLV-45A-36, ODLV-45A-36

Input voltage	: 100-200 V~, 200-240 V~
Input current	: 0,6 A
Output voltage	: V_0 : 36 Vdc V_{AUX} : 12 Vdc
Output current	: I_0 : 1,0 A, I_{AUX} : 0,05 A when input voltage 100-200 V~ I_0 : 1,25 A, I_{AUX} : 0,05 A when input voltage 200-240 V~
Max. output power	: W_0 : 36 W, W_{AUX} : 0,6 W when input voltage 100-200 V~ W_0 : 45 W, W_{AUX} : 0,6 W when input voltage 200-240 V~

Product data – type IDLV-45A-48, ODLV-45A-48

Input voltage	: 100-200 V~, 200-240 V~
Input current	: 0,6 A
Output voltage	: V_0 : 48 Vdc V_{AUX} : 12 Vdc
Output current	: I_0 : 0,75 A, I_{AUX} : 0,05 A when input voltage 100-200 V~ I_0 : 0,94 A, I_{AUX} : 0,05 A when input voltage 200-240 V~
Max. output power	: W_0 : 36 W, W_{AUX} : 0,6 W when input voltage 100-200 V~ W_0 : 45,12 W, W_{AUX} : 0,6 W when input voltage 200-240 V~

Product data – type IDLV-45A-60, ODLV-45A-60

Input voltage	: 100-200 V~, 200-240 V~
Input current	: 0,6 A
Output voltage	: V ₀ : 60 Vdc V _{AUX} : 12 Vdc
Output current	: I ₀ : 0,6 A, I _{AUX} : 0,05 A when input voltage 100-200 V~ I ₀ : 0,75 A, I _{AUX} : 0,05 A when input voltage 200-240 V~
Max. output power	: W ₀ : 36 W, W _{AUX} : 0,6 W when input voltage 100-200 V~ W ₀ : 45 W, W _{AUX} : 0,6 W when input voltage 200-240 V~

Product data – type IDLV-65-12, ODLV-65-12

Input voltage	: 200-240 V~
Input current	: 0,4 A
Output voltage	: 12 Vdc
Output current	: 4,2 A
Max. output power	: 50,4 W

Product data – type IDLV-65-24, ODLV-65-24

Input voltage	: 200-240 V~
Input current	: 0,4 A
Output voltage	: 24 Vdc
Output current	: 2,4 A
Max. output power	: 57,6 W

Product data – type IDLV-65-36, ODLV-65-36

Input voltage	: 200-240 V~
Input current	: 0,4 A
Output voltage	: 36 Vdc
Output current	: 1,8 A
Max. output power	: 64,8 W

Product data – type IDLV-65-48, ODLV-65-48

Input voltage	: 200-240 V~
Input current	: 0,4 A
Output voltage	: 48 Vdc
Output current	: 1,35 A
Max. output power	: 64,8 W

Product data – type IDLV-65-60, ODLV-65-60

Input voltage	: 200-240 V~
Input current	: 0,4 A
Output voltage	: 60 Vdc
Output current	: 1,08 A
Max. output power	: 64,8 W

Product data – type IDLV-65A-12, ODLV-65A-12

Input voltage	: 200-240 V~
Input current	: 0,4 A
Output voltage	: V ₀ : 12 Vdc V _{AUX} : 12 Vdc
Output current	: I ₀ : 4,2 A I _{AUX} : 0,05 A

Max. output power : W_0 : 50,4 W
 W_{AUX} : 0,6 W

Product data – type IDLV-65A-24, ODLV-65A-24

Input voltage : 200-240 V~
Input current : 0,4 A
Output voltage : V_0 : 24 Vdc
 V_{AUX} : 12 Vdc
Output current : I_0 : 2,4 A
 I_{AUX} : 0,05 A
Max. output power : W_0 : 57,6 W
 W_{AUX} : 0,6 W

Product data – type IDLV-65A-36, ODLV-65A-36

Input voltage : 200-240 V~
Input current : 0,4 A
Output voltage : V_0 : 36 Vdc
 V_{AUX} : 12 Vdc
Output current : I_0 : 1,8 A
 I_{AUX} : 0,05 A
Max. output power : W_0 : 64,8 W
 W_{AUX} : 0,6 W

Product data – type IDLV-65A-48, ODLV-65A-48

Input voltage : 200-240 V~
Input current : 0,4 A
Output voltage : V_0 : 48 Vdc
 V_{AUX} : 12 Vdc
Output current : I_0 : 1,35 A
 I_{AUX} : 0,05 A
Max. output power : W_0 : 64,8 W
 W_{AUX} : 0,6 W

Product data – type IDLV-65A-60, ODLV-65A-60

Input voltage : 200-240 V~
Input current : 0,4 A
Output voltage : V_0 : 60 Vdc
 V_{AUX} : 12 Vdc
Output current : I_0 : 1,08 A
 I_{AUX} : 0,05 A
Max. output power : W_0 : 64,8 W
 W_{AUX} : 0,6 W

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 434490800.

Additional information

Model/Type reference:

ODLV-45x-y, ODLV-65x-y, IDLV-45x-y, IDLV-65x-y

(x=blank or A;y=12,24,36,48,60)

This certificate replaces certificate No. 35-100589 which we herewith declare invalid.

The list of components is laid down at test report 4344908.50.

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,
510890 Guangzhou, Guangdong, China

Trade name : MEAN WELL stands for

