

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 controlgears
Trade name(s) : MEAN WELL
Type(s)/model(s) : LPF-16x-yz, LPF-25x-y

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

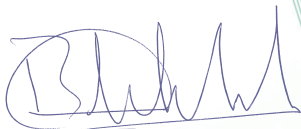
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 35-102590 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED controlgears
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: LPF-16-12, LPF-16-12P, LPF-16-15, LPF-16-15P, LPF-16-20, LPF-16-20P, LPF-16-24, LPF-16-24P, LPF-16-30, LPF-16-30P, LPF-16-36, LPF-16-36P, LPF-16-42, LPF-16-42P, LPF-16-48, LPF-16-48P, LPF-16-54, LPF-16-54P, LPF-16D-12, LPF-16D-12P, LPF-16D-15, LPF-16D-15P, LPF-16D-20, LPF-16D-20P, LPF-16D-24, LPF-16D-24P, LPF-16D-30, LPF-16D-30P, LPF-16D-36, LPF-16D-36P, LPF-16D-42, LPF-16D-42P, LPF-16D-48, LPF-16D-48P, LPF-16D-54, LPF-16D-54P, LPF-25-12, LPF-25-12P, LPF-25-15, LPF-25-15P, LPF-25-20, LPF-25-20P, LPF-25-30, LPF-25-30P, LPF-25-36, LPF-25-36P, LPF-25-42, LPF-25-42P, LPF-25-48, LPF-25-48P, LPF-25-54, LPF-25-54P, LPF-25D-12, LPF-25D-12P, LPF-25D-15, LPF-25D-15P, LPF-25D-20, LPF-25D-20P, LPF-25D-24, LPF-25D-24P, LPF-25D-30, LPF-25D-30P, LPF-25D-36, LPF-25D-36P, LPF-25D-42, LPF-25D-42P, LPF-25D-48, LPF-25D-48P and LPF-25D-54
Rated input voltage	: 100-240 V~
Rated input current	: 0,4 A
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Max. case temperature (tc)	: 70 °C
Ambient temperature (ta)	: 50 °C
Class of insulation	: Class II
Additional information	: Constant voltage mode Thermal, short-circuit and overload protection With MM signs

Product data – type LPF-16-12 and LPF-16D-12

Output voltage	: 12 Vdc
Output current	: 1,34 A
Rated output power	: 16,08 W
Degree of protection	: IP30

Product data – type LPF-16-12P and LPF-16D-12P

Output voltage	: 12 Vdc
Output current	: 1,34 A
Rated output power	: 16,08 W
Degree of protection	: IP67

Product data – type LPF-16-15 and LPF-16D-15

Output voltage	: 15 Vdc
Output current	: 1,07 A
Rated output power	: 16,05 W
Degree of protection	: IP30

Product data – type LPF-16-15P and LPF-16D-15P

Output voltage	: 15 Vdc
Output current	: 1,07 A
Rated output power	: 16,05 W
Degree of protection	: IP67

Product data – type LPF-16-20 and LPF-16D-20

Output voltage : 20 Vdc
Output current : 0,8 A
Rated output power : 16 W
Degree of protection : IP30

Product data – type LPF-16-20P and LPF-16D-20P

Output voltage : 0,8 A
Output current : 20 Vdc
Rated output power : 16 W
Degree of protection : IP67

Product data – type LPF-16-24 and LPF-16D-24

Output voltage : 24 Vdc
Output current : 0,67 A
Rated output power : 16,08 W
Degree of protection : IP30

Product data – type LPF-16-24P and LPF-16D-24P

Output voltage : 24 Vdc
Output current : 0,67 A
Rated output power : 16,08 W
Degree of protection : IP67

Product data – type LPF-16-30 and LPF-16D-30

Output voltage : 30 Vdc
Output current : 0,54 A
Rated output power : 16,2 W
Degree of protection : IP30

Product data – type LPF-16-30P and LPF-16D-30P

Output voltage : 30 Vdc
Output current : 0,54 A
Rated output power : 16,2 W
Degree of protection : IP67

Product data – type LPF-16-36 and LPF-16D-36

Output voltage : 36 Vdc
Output current : 0,45 A
Rated output power : 16,2 W
Degree of protection : IP30

Product data – type LPF-16-36P and LPF-16D-36P

Output voltage : 36 Vdc
Output current : 0,45 A
Rated output power : 16,2 W
Degree of protection : IP67

Product data – type LPF-16-42 and LPF-16D-42

Output voltage : 42 Vdc

Output current : 0,39 A
Rated output power : 16,38 W
Degree of protection : IP30

Product data – type LPF-16-42P and LPF-16D-42P

Output voltage : 42 Vdc
Output current : 0,39 A
Rated output power : 16,38 W
Degree of protection : IP67

Product data – type LPF-16-48 and LPF-16D-48

Output voltage : 48 Vdc
Output current : 0,34 A
Rated output power : 16,32 W
Degree of protection : IP30

Product data – type LPF-16-48P and LPF-16D-48P

Output voltage : 48 Vdc
Output current : 0,34 A
Rated output power : 16,32 W
Degree of protection : IP67

Product data – type LPF-16-54 and LPF-16D-54

Output voltage : 54 Vdc
Output current : 0,3 A
Rated output power : 16,2 W
Degree of protection : IP30

Product data – type LPF-16-54P and LPF-16D-54P

Output voltage : 54 Vdc
Output current : 0,3 A
Rated output power : 16,2 W
Degree of protection : IP67

Product data – type LPF-25-12 and LPF-25D-12

Output voltage : 12 Vdc
Output current : 2,1 A
Rated output power : 25,2 W
Degree of protection : IP67

Product data – type LPF-25-15 and LPF-25D-15

Output voltage : 15 Vdc
Output current : 1,67 A
Rated output power 15 Vdc : 25,05 W
Degree of protection : IP67

Product data – type LPF-25-20 and LPF-25D-20

Output voltage : 20 Vdc
Output current : 1,25 A
Rated output power : 25 W

Degree of protection : IP67

Product data – type LPF-25-24 and LPF-25D-24

Output voltage : 24 Vdc
Output current : 1,05 A
Rated output power : 25,2 W
Degree of protection : IP67

Product data – type LPF-25-30 and LPF-25D-30

Output voltage : 30 Vdc
Output current : 0,84 A
Rated output power : 25,2 W
Degree of protection : IP67

Product data – type LPF-25-36 and LPF-25D-36

Output voltage : 36 Vdc
Output current : 0,7 A
Rated output power : 25,2 W
Degree of protection : IP67

Product data – type LPF-25-42 and LPF-25D-42

Output voltage : 42 Vdc
Output current : 0,6 A
Rated output power : 25,2 W
Degree of protection : IP67

Product data – type LPF-25-48 and LPF-25D-48

Output voltage : 48 Vdc
Output current : 0,53 A
Rated output power : 25,44 W
Degree of protection : IP67

Product data – type LPF-25-54 and LPF-25D-54

Output voltage : 54 Vdc
Output current : 0,47 A
Rated output power : 25,38 W
Degree of protection : IP67

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 438210100, 439896500.

Additional information

1) LPF-16x-yz;

The "x" in the model name can be D or blank to denote with dimming function (D) or without (blank);

The "y" in the model name can be 12, 15, 20, 24, 30, 36, 42, 48 or 54 to denote output voltage in volt;

The "z" in the model name can be P or blank to denote with epoxy (P) or without (blank);

2) LPF-25x-y;

The "x" in the model name can be D or blank to denote with dimming function (D) or without (blank);

The "y" in the model name can be 12, 15, 20, 24, 30, 36, 42, 48 or 54 to denote output voltage in volt.

This certificate replaces certificate No. 35-102590 which we hereby declare invalid.

The list of components is laid down in test report 4382101.50, 4398965.50.

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

