

CERTIFICATE

Issued to:

Applicant:

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

Licensee:

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

Product : Independent LED controlgears
Trade name(s) : MEAN WELL
Type(s)/model(s) : LPF-40x-y, LPF-60x-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 EN 61347-1:2015, EN 61347-2-13:2014 and EN 61347-2-13:2014/A1:2017
- 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 11 January 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-102578

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny 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-40-12, LPF-40-15, LPF-40-20, LPF-40-24, LPF-40-30, LPF-40-36, LPF-40-42, LPF-40-48, LPF-40-54, LPF-40D-12, LPF-40D-15, LPF-40D-20, LPF-40D-24, LPF-40D-30, LPF-40D-36, LPF-40D-42, LPF-40D-48, LPF-40D-54, LPF-60-12, LPF-60-15, LPF-60-20, LPF-60-24, LPF-60-30, LPF-60-36, LPF-60-42, LPF-60-48, LPF-60-54, LPF-60D-12, LPF-60D-15, LPF-60D-20, LPF-60D-24, LPF-60D-30, LPF-60D-36, LPF-60D-42, LPF-60D-48 and LPF-60D-54
Rated input voltage	: 100-240 V~
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Max. case temperature (tc)	: 80 °C
Ambient temperature (ta)	: 50 °C
Class of insulation	: Class II
Degree of protection	: IP67
Additional information	: Constant voltage mode Thermal, short-circuit and overload protection With MM signs

Product data – type LPF-40D-12 and LPF-40-12

Rated input current	: 0,6 A
Output voltage	: 12 Vdc
Output current	: 3,34 A
Rated output power	: 40,08 W

Product data – type LPF-40D-15 and LPF-40-15

Rated input current	: 0,6 A
Output voltage	: 15 Vdc
Output current	: 2,67 A
Rated output power	: 40,08 W

Product data – type LPF-40D-20 and LPF-40-20

Rated input current	: 0,6 A
Output voltage	: 20 Vdc
Output current	: 2,0 A
Rated output power	: 40 W

Product data – type LPF-40D-24 and LPF-40-24

Rated input current	: 0,6 A
Output voltage	: 24 Vdc
Output current	: 1,67 A
Rated output power	: 40,08 W

Product data – type LPF-40D-30 and LPF-40-30

Rated input current	: 0,6 A
Output voltage	: 30 Vdc
Output current	: 1,34 A
Rated output power	: 40,2 W

Product data – type LPF-40D-36 and LPF-40-36

Rated input current : 0,6 A
Output voltage : 36 Vdc
Output current : 1,12 A
Rated output power : 40,32 W

Product data – type LPF-40D-42 and LPF-40-42

Rated input current : 0,6 A
Output voltage : 42 Vdc
Output current : 0,96 A
Rated output power : 40,32 W

Product data – type LPF-40D-48 and LPF-40-48

Rated input current : 0,6 A
Output voltage : 48 Vdc
Output current : 0,84 A
Rated output power : 40,32 W

Product data – type LPF-40D-54 and LPF-40-54

Rated input current : 0,6 A
Output voltage : 54 Vdc
Output current : 0,76 A
Rated output power : 41,04 W

Product data – type LPF-60D-12 and LPF-60-12

Rated input current : 0,8 A
Output voltage : 12 Vdc
Output current : 5,0 A
Rated output power : 60 W

Product data – type LPF-60D-15 and LPF-60-15

Rated input current : 0,8 A
Output voltage : 15 Vdc
Output current : 4,0 A
Rated output power : 60 W

Product data – type LPF-60D-20 and LPF-60-20

Rated input current : 0,8 A
Output voltage : 20 Vdc
Output current : 3,0 A
Rated output power : 60 W

Product data – type LPF-60D-24 and LPF-60-24

Rated input current : 0,8 A
Output voltage : 24 Vdc
Output current : 2,5 A
Rated output power : 60 W

Product data – type LPF-60D-30 and LPF-60-30

Rated input current : 0,8 A

Output voltage : 30 Vdc
Output current : 2,0 A
Rated output power : 60 W

Product data – type LPF-60D-36 and LPF-60-36

Rated input current : 0,8 A
Output voltage : 36 Vdc
Output current : 1,67 A
Rated output power : 60,12 W

Product data – type LPF-60D-42 and LPF-60-42

Rated input current : 0,8 A
Output voltage : 42 Vdc
Output current : 1,43 A
Rated output power : 60,06 W

Product data – type LPF-60D-48 and LPF-60-48

Rated input current : 0,8 A
Output voltage : 48 Vdc
Output current : 1,25 A
Rated output power : 60 W

Product data – type LPF-60D-54 and LPF-60-54

Rated input current : 0,8 A
Output voltage : 54 Vdc
Output current : 1,12 A
Rated output power : 60,48 W

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 434057200.

Additional information

LPF-40x-y, LPF-60x-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.

The products also considers EN 62384:2006 + A1:2009.

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,
Guangzhou City, Guangdong Province, China

Trade name(s) : MEAN WELL stands for

