

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-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(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

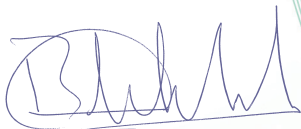
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 35-102578 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-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-40-12 and LPF-40D-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-40-15 and LPF-40D-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-40-20 and LPF-40D-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-40-24 and LPF-40D-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-40-30 and LPF-40D-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-40-36 and LPF-40D-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-40-42 and LPF-40D-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-40-48 and LPF-40D-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-40-54 and LPF-40D-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-60-12 and LPF-60D-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-60-15 and LPF-60D-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-60-20 and LPF-60D-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-60-24 and LPF-60D-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-60-30 and LPF-60D-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-60-36 and LPF-60D-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-60-42 and LPF-60D-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-60-48 and LPF-60D-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-60-54 and LPF-60D-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 61347-1:2015/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 438355900, 439896600.

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.

This certificate replaces certificate No. 35-102578 which we hereby declare invalid.

The list of components is laid down in test report 4398966.50, 4383559.50.

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

