

# 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) : APC-12E-350, APC-12E-700, APC-16E-350, APC-16E-700

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, EN 61347-2-13:2014/A1:2017, 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 17 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-103565

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Kreny 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)	: APC-12E-350, APC-12E-700, APC-16E-350 and APC-16E-700
Rated input voltage	: 200-240 V~
Rated frequency	: 50/60 Hz
Max. case temperature (tc)	: 80 °C
Power factor	: 0,5C
Class of insulation	: Class II
Degree of protection	: IP42
Description	: Constant current mode Thermal, short-circuit and overload protection

**Product data – type APC-12E-350**

Rated input current	: 0,2 A
Output current	: 350 mA
Output voltage range	: 9-36 Vdc
Max. output voltage	: 38 Vdc
Max. output watt	: 12,6 W
Ambient temperature (ta)	: 45 °C

**Product data – type APC-12E-700**

Rated input current	: 0,2 A
Output current	: 700 mA
Output voltage range	: 9-18 Vdc
Max. output voltage	: 20 Vdc
Max. output watt	: 12,6 W
Ambient temperature (ta)	: 45 °C

**Product data – type APC-16E-350**

Rated input current	: 0,3 A
Output current	: 350 mA
Output voltage range	: 12-48 Vdc
Max. output voltage	: 50 Vdc
Max. output watt	: 16,8 W
Ambient temperature (ta)	: 40 °C

**Product data – type APC-16E-700**

Rated input current	: 0,3 A
Output current	: 700 mA
Output voltage range	: 9-24 Vdc
Max. output voltage	: 26 Vdc
Max. output watt	: 16,8 W
Ambient temperature (ta)	: 40 °C

**TESTS****Test requirements**

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



EN 62384:2006/A1:2009

**Test result**

The test results are laid down in DEKRA test file 434355100.

**Additional information**

This certificate replaces certificate No. 2192650.06 which we herewith declare invalid.

The list of components is laid down at test report 4343551.50.

**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,  
Guangzhou City, Guangdong Province, China

Trade name(s) : MEAN WELL stands for

