

# CERTIFICATE

Issued to:  
Applicant:  
**HEP Tech Co. Ltd.**  
20 Jingke 7th Rd  
Nantun Dist  
408 Taichung, Taiwan

Licensee:  
**HEP GmbH**  
Ramsloh 10  
58579 Schalksmühle, Germany

Product : Electronic control gear for fluorescent lamps  
Trade name(s) : HEP GROUP  
Type(s)/model(s) : SI280

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 61347-2-3:2011, EN 61347-2-3:2011/A1:2017, EN 60929:2011 and EN 60929:2011/A1:2016
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2013493

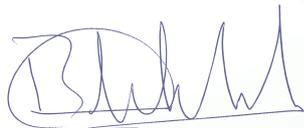
DEKRA hereby grants the right to use the ENEC certification mark.

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 24 January 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-106800

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Electronic control gear for fluorescent lamps
Trade name(s)	: HEP GROUP
Type(s)/model(s)	: SI280
Rated voltage	: 220-240 V
Nature of supply	: ac/dc
Rated frequency	: 0/50-60 Hz
Power factor	: 0.98
Temperature range	: -25...+60 °C
Description	: for building in luminaire appliances
Supply current	: 510...730 mA (at 230 V)
Rated wattage and lamp	: 2 x 80 W T5, 2 x 55 / 80 W TC-L
Tc point	: 80 °C
U-OUT	: 300 V

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-3:2011  
EN 61347-2-3:2011/A1:2017  
EN 60929:2011  
EN 60929:2011/A1:2016

**Test result**

The test results are laid down in DEKRA test file 340988100.

**Additional information**

- warmstart electronic control gear, with automatic restart after lamp changes
- energy controlled pre-heat starting mode
- for compact or tubular fluorescent lamps
- with screwless terminals for wires 0,5...1,5mm<sup>2</sup>
- max. enclosure temperature 110°C in abnormal or under fault conditions

The list of components is laid down at test report 3409881.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

HEP GmbH  
Ramsloh 10  
58579 Schalksmühle, Germany

Weisen Electronic Co. Ltd.  
Sanzao Ind. Park of Zhuhai  
Zhuhai City  
Guangdong Province, China