

CERTIFICATE

Issued to:
Applicant:
HEP Tech Co., Ltd.
No. 20, Jingke 7th Rd., Nantun Dist.,
40852 Taichung City, Taiwan

Licensee:
HEP GmbH
Ramsloh 10
58579 Schalksmühle, Germany

Product : Current controlled LED Driver
Trade name(s) : HEP GROUP®
Type(s)/model(s) : G6R7W150LRP, G6R7W300LRP, G6R7W350LRP, G6R7W500LRP,
G6R7W700LRP, G6RT10W200LRP, G6RT10W250LRP, G6RT10W350LRP,
G6RT10W500LRP, G6RT10W700LRP, G6RT15W300LRP, G6RT15W350LRP,
G6RT15W500LRP, G6RT15W700LRP, G6RT7W150LRP, G6RT7W350LRP,
G6RT7W500LRP and G6RT7W700LRP

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 2013493

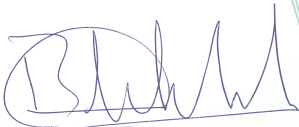
DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This certificate is issued on 5 December 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-126275

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Current controlled LED Driver
Trade name(s)	: HEP GROUP®
Type(s)/model(s)	: G6R7W150LRP, G6R7W300LRP, G6R7W350LRP, G6R7W500LRP, G6R7W700LRP, G6RT10W200LRP, G6RT10W250LRP, G6RT10W350LRP, G6RT10W500LRP, G6RT10W700LRP, G6RT15W300LRP, G6RT15W350LRP, G6RT15W500LRP, G6RT15W700LRP, G6RT7W150LRP, G6RT7W350LRP, G6RT7W500LRP and G6RT7W700LRP
Rated supply voltage	: 220–240 V
Nature of supply	: ac
Supply frequency	: 50-60 Hz
Ambient temperature range (ta)	: -20...+50°C
Degree of protection	: IP 20
Classification of installation	: built-in

Product data – type G6R7W150LRP

Total circuit power	: 10,4 W
Rated supply current	: 50 mA max
Power factor	: 0,85C–0,92C
Rated output current	: 150 mA
Rated output power	: 4,8–6,3 W
Output voltage range	: 30–42 Vdc
Uout	: 55 V max
Max. case temperature (tc)	: 65 °C

Product data – type G6R7W300LRP

Total circuit power	: 10,4 W
Rated supply current	: 50 mA max
Power factor	: 0,85C–0,92C
Rated output current	: 300 mA
Rated output power	: 3,9–6,6 W
Output voltage range	: 13–22 Vdc
Uout	: 35 V max
Max. case temperature (tc)	: 65 °C

Product data – type G6R7W350LRP

Total circuit power	: 10,4 W
Rated supply current	: 50 mA max
Power factor	: 0,85C–0,92C
Rated output current	: 350 mA
Rated output power	: 4,6–7,7 W
Output voltage range	: 12–22 Vdc
Uout	: 35 V max
Max. case temperature (tc)	: 65 °C

Product data – type G6R7W500LRP

Total circuit power	: 10,4 W
Rated supply current	: 50 mA max
Power factor	: 0,85C–0,92C
Rated output current	: 500 mA
Rated output power	: 3–6,5 W

Output voltage range : 6–13 Vdc
U_{out} : 18 V max
Max. case temperature (tc) : 70 °C

Product data – type G6R7W700LRP

Total circuit power : 10,4 W
Rated supply current : 50 mA max
Power factor : 0,85C–0,92C
Rated output current : 700 mA
Rated output power : 3,9–6,3 W
Output voltage range : 5,5–9 Vdc
U_{out} : 25 V max
Max. case temperature (tc) : 65 °C

Product data – type G6RT10W200LRP

Total circuit power : 13,5 W
Rated supply current : 65 mA max
Power factor : 0,9C–0,95
Rated output current : 200 mA
Rated output power : 6–8,4 W
Output voltage range : 30–42 Vdc
U_{out} : 55 V max
Max. case temperature (tc) : 70 °C

Product data – type G6RT10W250LRP

Total circuit power : 13,5 W
Rated supply current : 65 mA max
Power factor : 0,9C–0,95
Rated output current : 250 mA
Rated output power : 7,5–10,5 W
Output voltage range : 30–42 Vdc
U_{out} : 55 V max
Max. case temperature (tc) : 75 °C

Product data – type G6RT10W350LRP

Total circuit power : 13,5 W
Rated supply current : 65 mA max
Power factor : 0,9C–0,95
Rated output current : 350 mA
Rated output power : 4,6–9,1 W
Output voltage range : 13–26 Vdc
U_{out} : 35 V max
Max. case temperature (tc) : 80 °C

Product data – type G6RT10W500LRP

Total circuit power : 13,5 W
Rated supply current : 65 mA max
Power factor : 0,9C–0,95
Rated output current : 500 mA
Rated output power : 6–10 W
Output voltage range : 12–20 Vdc
U_{out} : 27 V max
Max. case temperature (tc) : 80 °C

Product data – type G6RT10W700LRP

Total circuit power	: 13,5 W
Rated supply current	: 65 mA max
Power factor	: 0,9C–0,95
Rated output current	: 700 mA
Rated output power	: 6–9 W
Output voltage range	: 8,6–12,9 Vdc
Uout	: 25 V max
Max. case temperature (tc)	: 80 °C

Product data – type G6RT15W300LRP

Total circuit power	: 18,6 W
Rated supply current	: 90 mA max
Power factor	: 0,9C–0,95
Rated output current	: 300 mA
Rated output power	: 7,8–12,9 W
Output voltage range	: 26–43 Vdc
Uout	: 55 V max
Max. case temperature (tc)	: 75 °C

Product data – type G6RT15W350LRP

Total circuit power	: 18,6 W
Rated supply current	: 90 mA max
Power factor	: 0,9C–0,95
Rated output current	: 350 mA
Rated output power	: 9,1–15 W
Output voltage range	: 26–43 Vdc
Uout	: 55 V max
Max. case temperature (tc)	: 75 °C

Product data – type G6RT15W500LRP

Total circuit power	: 18,6 W
Rated supply current	: 90 mA max
Power factor	: 0,9C–0,95
Rated output current	: 500 mA
Rated output power	: 9–15 W
Output voltage range	: 18–30 Vdc
Uout	: 38 V max
Max. case temperature (tc)	: 75 °C

Product data – type G6RT15W700LRP

Total circuit power	: 18,6 W
Rated supply current	: 90 mA max
Power factor	: 0,9C–0,95
Rated output current	: 700 mA
Rated output power	: 9,1–14,7 W
Output voltage range	: 13–21 Vdc
Uout	: 33 V max
Max. case temperature (tc)	: 80 °C

Product data – type G6RT7W150LRP

Total circuit power	: 10,4 W
Rated supply current	: 50 mA max
Power factor	: 0,9C–0,95
Rated output current	: 150 mA
Rated output power	: 4,5–6,3 W
Output voltage range	: 32–42 Vdc
Uout	: 50 V max
Max. case temperature (tc)	: 70 °C

Product data – type G6RT7W350LRP

Total circuit power	: 10,4 W
Rated supply current	: 50 mA max
Power factor	: 0,9C–0,95
Rated output current	: 350 mA
Rated output power	: 4,2–7,7 W
Output voltage range	: 13–22 Vdc
Uout	: 35 V max
Max. case temperature (tc)	: 75 °C

Product data – type G6RT7W500LRP

Total circuit power	: 10,4 W
Rated supply current	: 50 mA max
Power factor	: 0,9C–0,95
Rated output current	: 500 mA
Rated output power	: 4,5–6,5 W
Output voltage range	: 9–13 Vdc
Uout	: 25 V max
Max. case temperature (tc)	: 75 °C

Product data – type G6RT7W700LRP

Total circuit power	: 10,4 W
Rated supply current	: 50 mA max
Power factor	: 0,9C–0,95
Rated output current	: 700 mA
Rated output power	: 4,2–6,3 W
Output voltage range	: 6–9 Vdc
Uout	: 20 V max
Max. case temperature (tc)	: 85 °C

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 342815400.

Additional information

The LED controlgears are a built-in SELV electronic controlgear with double or reinforced insulation for LEDs with constant current. The drivers G6RT.... are dimmable with a trailing edge dimmer. The insulation between primary and secondary is SELV and between primary and housing is considered as double or reinforced insulation. The controlgears have free lead wires. The max. enclosure temperature under abnormal or fault conditions is 110°C.

Type designation: G6R(T)yyWxxxLRP

“T” in the type designation = driver are dimmable with a trailing edge dimmer

“yy” in the type designation = type series, throughout the whole testreport.

“xxx” in the type designation = output current, throughout the whole testreport.

The list of components is laid down in test report 3428154.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

HEP GmbH

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Weisen Electronic Co. Ltd.

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