

## HLP 6.2-190 UL

### Solid State Power Supply for UV lamps

### Step less adjustable from ~310 to 620 W

This fully electronic power supplies is designed optimal to drive uv-lamps in the various fields of industry, which use uv-lamps from about 500 to 620 W nominal power.

#### Special Advantages:

- universal use in the nominal power class of ~500 to 620 watts, this means 1 power supply drives different types of uv-lamps in the above named power class
- step less and quick adjusting of uv-lamp power 50...100%, e.g. for step less adjusting of uv-power according to the speed of a printing machine; or with discontinuing processes (e.g. quick power pulsing); or to adjust uv-power according to ageing.
- constant wattage uv-lamp output according to power settings
- no influence of mains voltage fluctuation
- wide range of mains voltages from 180 to 305V, 50 and 60Hz
- with power factor correction, PF = 0,98; THDi = <8%
- controlled by DC 1...10V,
- output is protected against over voltage, open and short circuits, additionally open circuit causes no problems
- easy to install and less wiring needed
- customized heat sink have to be added
- UL certification according to UL 1029 (5<sup>th</sup> edition) and RoHS compliant, no CE-sign !



#### Main technical data:

HLP 6.2-190 UL	
Output power	approx. 310 – 620 watts step less adjustable
Mains voltage	180 to 305 V
Mains current (at 620W)	3,9 A max. at 180 Vrms
Max. leakage current	< 0,75 mA
Power Factor / THDi	0,98 (380-620W) / <8% @ 230V
Mains frequency	50 and 60 Hz
Mains connection	L, N, PE
Typical arc length	3 to 23 cm (1.2" to 9")
Lamp operating voltage	115 to 185 V
Lamp operating current	up to 6.2 A
Duty frequency	70kHz @ 620W out 140kHz @ 310W out
Power loss	approx. 5 %
Dimensions	238 x 67 x 123 mm, add heat sink
Weight	1,1 kg
Connectors	6.3x0.8mm Fastons, cage clamps and screw
Operating temperature	0 to 50° C, heat sink max. 70 °C
Analogous power control input DC 1...10V:	= for lamp power ~380 to 620 W