



HLP 30-500

Solid State Power Supply for uv lamps

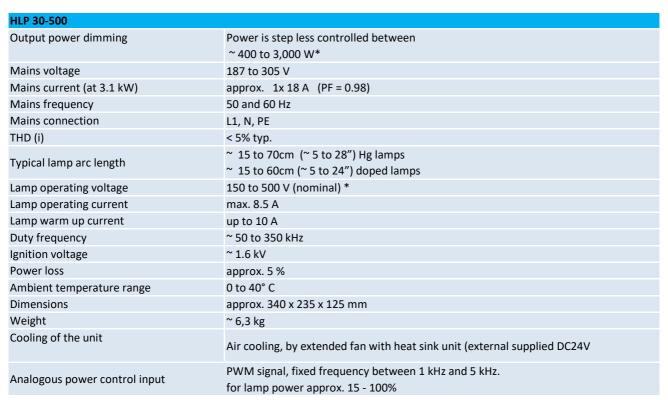
Step less adjustable from 400 to 3,000 W

These fully electronic high frequency power supplies are designed to drive uv-lamps in the various fields of industry, which use uv-lamps from about 1,000 to 3,000 W nominal power.

Special Advantages:

- universal use in the nominal power class of 1,000 to 3,000 W, this means 1 power supply drives different types of uv-lamps in this power class
- step less and quick adjusting of uv-lamp power, e.g. for step less adjusting of uv-power according to the speed of a printing machine; or with discontinuing processes; or to adjust uv-power according to lamp ageing.
- constant wattage uv-lamp output according to power settings
- controlled by PWM signal, fixed frequency between 1 kHz and 5 kHz.
- no influence of main voltage fluctuation
- wide range of main voltages from 187 to 305 V, 50 and 60Hz
- 1-phase main connection (L1-N-PE) with PFC
- output is protected against ground faults, overload and short circuits, additionally open circuit causes no problems
- · easy to install and less wiring needed
- no phase angle correction and no extern ignitor needed
- less heavy and in many cases smaller than a conventional power supply
- CE-sign(UL 1029)

Main Technical Data:



^{*}To reach 3,000 W, a minimum actually lamp voltage of 350 V is necessary!

