honle group

honle uv technology

EPS 220

Electronic Power Supply

System-Features

- 22 kW maximum power
- continuously variable power control
- service-friendly due to pluggable connections
- less space required/ reduced footprint

Advantages

- 10% increase in efficiency
- improved reignition
- longer lamp life
- reduction of production costs
- good price/ performance ratio

EPS 220

The **EPS 220** is an electronic power supply for UV discharge lamps with a maximum power of 22 kW. The EPS 220 is ideal for lamps with an **arc length of up to 1050 mm**. Further arc lenghts on request.

Features

The rectangular current output of the EPS causes an approximately 10% greater UV yield for the same electrical power compared to the **sinusoidal power output of a conventional transformer/ choke ballast**.

Additional features:

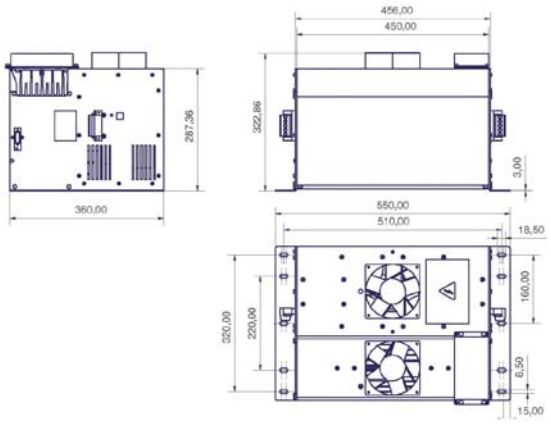
- **continuously variable power control**, application dependent between 11% and 100%
- integrated ignitor
- improved lamp reignition compared to conventional technology
- compact design
- less weight compared to a conventional power supply
- service-friendly due to pluggable connections

Technical Data

Maximum power output	22 kW
Mains supply	400 V – 480 V, 50/60 Hz
Power control	11 % - 100 % with analog signal 1,1 V - 10 V DC application depending
Potential free Error signals	Total error Lamp error Earth fault Phase loss Over temperature
Output signals	UV ready UV on

Application example

Switch cabinet with EPS 220



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