



EPS 200

Product Highlights

- 20 kW maximum power
- 10% efficiency increase
- continuously variable power control
- improved reignition
- longer lamp life

Benefits

- service-friendly due to pluggable connections
- less space required/reduced footprint
- reduction of production costs
- good price/performance ratio

The EPS 200 is an electronic power supply for UV discharge lamps with maximum power of 20 kW. The EPS is ideal for lamps with an arc length of up to 1050 mm. Further arc lengths on request.

Features

The square-wave power output of the EPS causes 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
- compact design
- less weight compared to a conventional power supply
- service-friendly due to pluggable connections
- improved lamp reignition compared to conventional technology

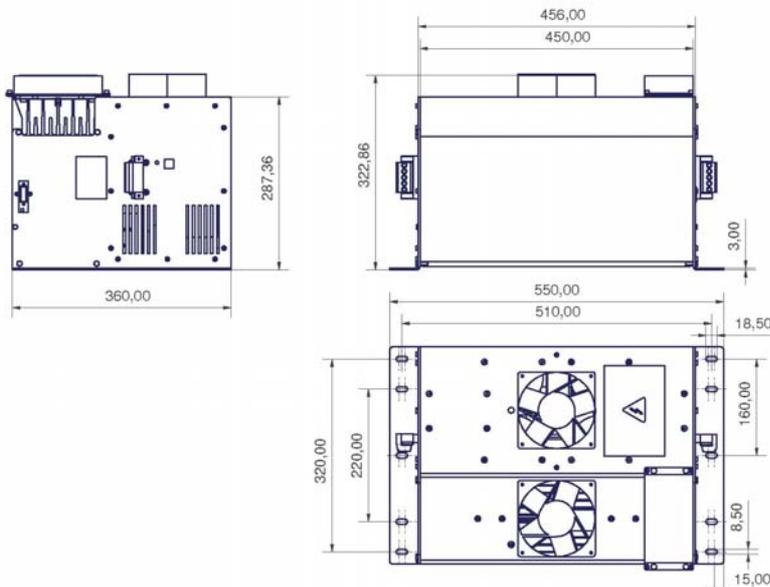


Application example

Switch cabinet with EPS 200

Technical Data

Maximum power output	20 kW
Main 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



Dr. Hönle AG • UV Technology • Lochhamer Schlag 1 • D- 82166 Gräfelfing/München
 Phone: +49 (0)89/8 56 08-0 • Fax: +49 (0)89/8 56 08-148 • E-Mail: uv@hoenle.de
 Internet: www.hoenle.de

Operating parameters depend on production characteristics and may differ from the foregoing information. We reserve the right to modify technical data.



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