



EPS 200

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 200

The **EPS 200** is an electronic power supply for UV discharge lamps with a maximum power of 22 kW. The EPS 200 is ideal for lamps with an **arc length of up to 1050 mm**. Further arc lengths 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 200

