



## EPS 340

### Electronic Power Supply

#### System-Features

- 34 kW maximum power
- continuously variable power control
- significant efficiency increase
- improved reignition
- longer lamp life

#### Advantages

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

## EPS 340 - Electronic power supply

The **EPS 340** is an electronic power supply for UV discharge lamps with a maximum power of 34 kW. The EPS 340 is ideal for lamps with an **arc length of up to 2030 mm**. Further arc lengths on request.

### Features

**The square-wave power output of the EPS causes significant greater UV yield** for the same electrical power compared to the **sinusoidal power output of a conventional transformer/choke ballast**.

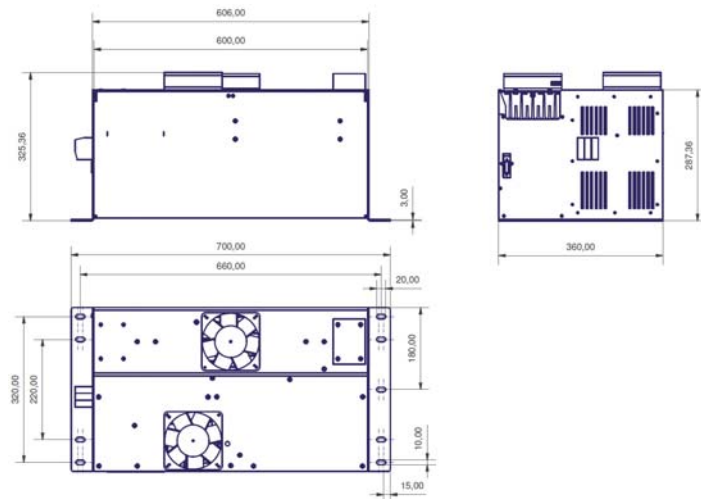
Additional features

- 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

### Application example



Switch cabinet with EPS 340



### Technical Data

Maximum power output	34 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 Symmetric error
Output signals	UV ready UV on



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Operating parameters depend on production characteristics and may differ from the foregoing information. We reserve the right to modify technical data. © Copyright Dr. Höhle AG. Updated 10/11.