



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 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.

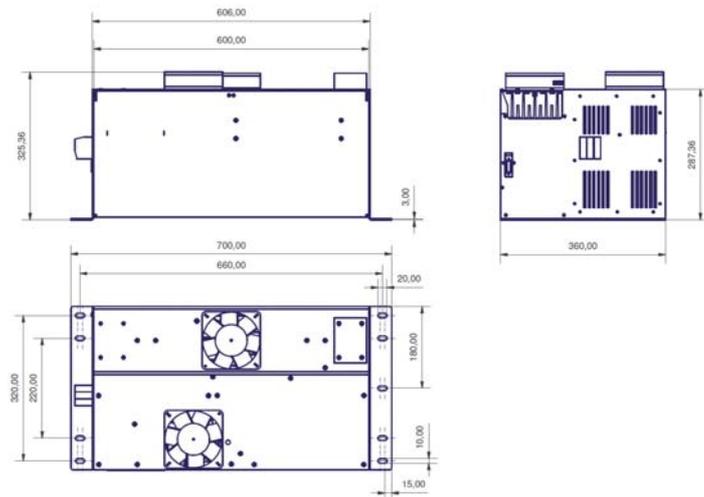
Additional features

- continuously variable power control, application dependent between 11% and 100%
- integrated ignitor
- 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 340



Technical Data

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



Dr. Höhle AG UV Technology, Lochhamer Schlag 1, 82166 Gräfelfing/München, Germany
Phone: +49 89 85608-0, Fax: +49 89 85608-148. www.hoenle.de

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 10/09.