

ELECTRONIC POWER SUPPLY



EPS 340

Product Highlights

- 34 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 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 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

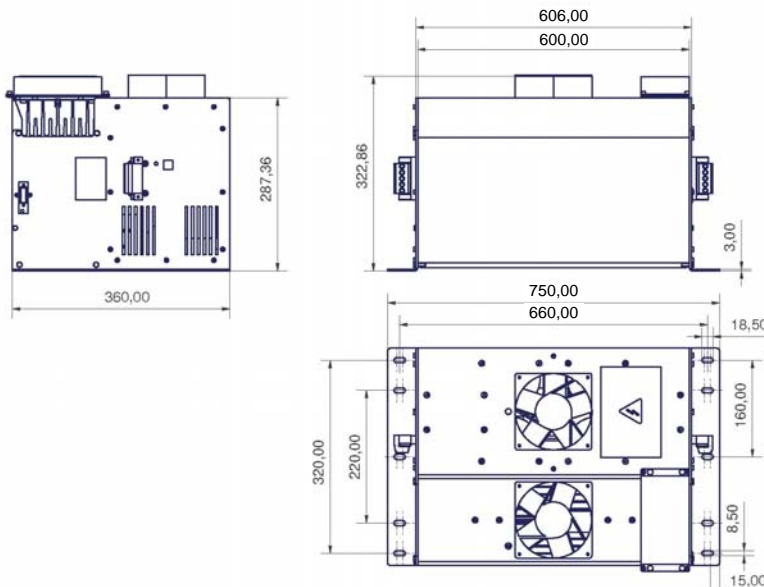


Application example

Switch cabinet with EPS 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
Output signals	UV ready UV on



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ISO 9001