



Dr. Höhle AG – EPSA 120

Electronic Power Supply

System-Features

- 12 kW maximum power
- Continuously variable power control
- Service- and installation-friendly due to plug-gable connections
- Small space required/ reduced footprint

Advantages

- High lamp voltage
- High efficiency
- Reduction of production costs
- Improved reignition
- Longer lamp life
- Good cost/ performance ratio

EPSA 120 - Electronic Power Supply

The **EPSA 120** is an electronic power supply for UV discharge lamps with a maximum power of 12 kW.

Features

The square-wave power output of the EPSA effects a greater UV yield at 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 and lightweight design
- Less weight compared to a conventional power supply
- Service-friendly due to pluggable connections

Technical Data

Maximum power output	12 kW
Lamp voltage	max. 900 V
Mains supply	3x 400 - 480 V ($\pm 10\%$), 50/60 Hz
Power control	11 - 100 % bei analog signal 1,1 - 10 V DC application dependent
Control	analog / digital fieldbus
Efficiency η	typ. 96 %
Power factor $\cos \varphi$	> 0,9
Dimensions (l x w x h)	460 x 325 x 85 mm
Bus interfaces (optional)	CANopen, Modbus

