hönle group

hönle uv technology

Dr. Hönle AG – EPSA 120 varyPOWER

Electronic Power Supply for LED-UV and UV

450 V AC (square-wave voltage)
400 V DC

System-Features

- 12 kW maximum power
- One electronic power supply for both technologies: UV & LED
- Continuously variable power control
- Service- and installation-friendly due to plug-gable connections
- Reduced cable diameter

Advantages

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

EPSA 120 varyPOWER – Electronic Power Supply

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

Features

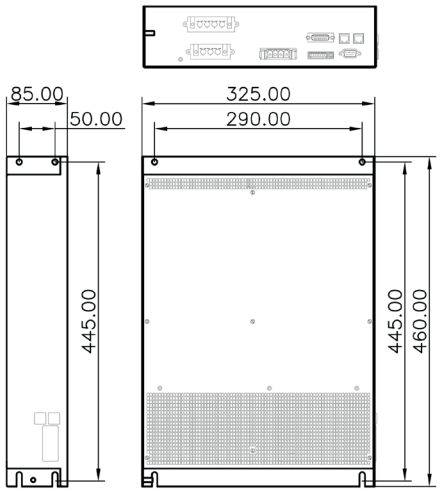
The square-wave power output of the EPSA effects a greater UV yield at the same electrical power compared to the **sinusoidal power output of a conventional transformer/ choke ballast.**

Additional features

- **450 V AC (square-wave voltage) / 400 V DC**
- **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
UV lamp voltage LED voltage	max. 450 V AC max. 400 V DC
Mains supply	3x 400 - 480 V (±10%), 50/60 Hz
Power control	11 - 100 % when analog signal 1,1 - 10 V DC application dependent
Control	analog / digital fieldbus
Efficiency η	typ. 98 %
Power factor cos φ	> 0,9
Dimensions (l x w x h)	460 x 325 x 85 mm
Bus interfaces (optional)	CANopen, Modbus



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