

EPSA 340

Electronic Power Supply

System-Features

- 32 kW maximum power
- Continuously variable power control
- Service- and installation-friendly due to pluggable 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 340

Electronic Power Supply

The **EPSA 340** is an electronic power supply for UV discharge lamps with a maximum power of 32 kW.

Features

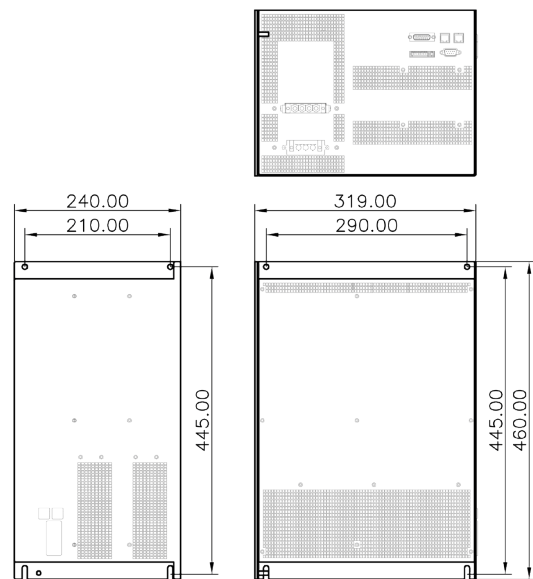
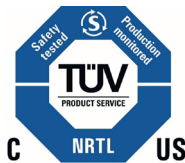
The square-wave power output of the EPSA effects a **greater UV yield** at the same electrical power compared to the sinusoidal power output of a conventional transformer/choke ballast.

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	32 kW
Lamp voltage	max. 2,500 V
Mains supply	3x 400 - 480 V (±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 319 x 240 mm
Bus interfaces (optional)	CANopen, Modbus



hönle group	Disinfection	Drying	Curing	Control	Measuring
eleco panacol-efd eltosch grafix gepa coating hönle luminez panacol printconcept raesch sterilsystems technigraf umex uv-technik speziallampen					



uv-technik Speziallampen GmbH, Gewerbegebiet Ost 6, 98693 Ilmenau, Germany
Phone: +49 36 785 520-0, Fax: +49 36 785 520-21, www.uvtechnik.com

Operating parameters depend on production characteristics and may differ from the foregoing information. We reserve the right to modify technical data. © Copyright uv-technik Speziallampen GmbH. Updated 2021.