EPSA 120

Electronic Power Supply

**System-Features**
- 12 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 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

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum power output</strong></td>
<td>12 kW</td>
</tr>
<tr>
<td><strong>Lamp voltage</strong></td>
<td>max. 1,400 V</td>
</tr>
<tr>
<td><strong>Mains supply</strong></td>
<td>3x 400 - 480 V (±10%), 50/60 Hz</td>
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<tr>
<td><strong>Power control</strong></td>
<td>11 - 100 % bei analog signal, 1,1 - 10 V DC application dependent</td>
</tr>
<tr>
<td><strong>Control</strong></td>
<td>analog / digital fieldbus</td>
</tr>
<tr>
<td><strong>Efficiency</strong></td>
<td>typ. 96 %</td>
</tr>
<tr>
<td><strong>Power factor</strong></td>
<td>&gt; 0,9</td>
</tr>
<tr>
<td><strong>Dimensions (l x w x h)</strong></td>
<td>460 x 325 x 85 mm</td>
</tr>
<tr>
<td><strong>Bus interfaces (optional)</strong></td>
<td>CANopen, Modbus</td>
</tr>
</tbody>
</table>

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**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 11/18.**

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**hönle group**

Disinfection | Drying | Curing | Control | Measuring
---|---|---|---|---
[Image of disinfection products]
[Image of drying products]
[Image of curing products]
[Image of control products]
[Image of measuring products]

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