### System-Features
- 24 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 240
Electronic Power Supply
The **EPSA 240** is an electronic power supply for UV discharge lamps with a maximum power of 24 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>Maximum power output</td>
<td>24 kW</td>
</tr>
<tr>
<td>Lamp voltage</td>
<td>max. 2,300 V</td>
</tr>
<tr>
<td>Mains supply</td>
<td>3x 400 - 480 V (±10%), 50/60 Hz</td>
</tr>
<tr>
<td>Power control</td>
<td>11 - 100 % bei analog signal, 1,1 - 10 V DC application dependent</td>
</tr>
<tr>
<td>Control</td>
<td>analog / digital fieldbus</td>
</tr>
<tr>
<td>Efficiency η</td>
<td>typ. 96 %</td>
</tr>
<tr>
<td>Power factor cos φ</td>
<td>&gt; 0,9</td>
</tr>
<tr>
<td>Dimensions (l x w x h)</td>
<td>460 x 305 x 165 mm</td>
</tr>
<tr>
<td>Bus interfaces (optional)</td>
<td>CANopen, Modbus</td>
</tr>
</tbody>
</table>

**EPSA 240** - Electronic Power Supply

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