### EPS Series

**Electronic Power Supply**

**System- Features**
- Digitally controlled
- Easy connection - “plug and play” design
- Up to 10 x 1,200 W power

**Advantages**
- Improved re-ignition
- Compact design
- Energy efficient operation
EPS Series

The **electronic power supplies** of our EPS-series are designed to operate **amalgam low pressure** UVC lamps. They are perfectly suitable for UV lamps with a lamp power from **4 W up to 1,200 W**.

**Characteristics**

The newly developed digital control allows precise adjustment of the lamp and therefore, efficient and “gentle” operation. Due to an integral filament pre-heat and improved monitoring of the lamp operation, the lamp lifetime can be prolonged.

Additional features:

- safe and effective protection circuit
- compact design
- continuous power adjustment
- option: adjustable lamp current

**Designs**

Our digitally driven ballasts are available with the following power settings:


Twin-flamed:

- 2x 30-80 W, 2x 60-100 W, 2x 80-125 W, 2x 150-320 W

**MLC-Rack:**

The compact **Multi Lamp Controller** can drive **up to 60 UV lamps** with only one ballast. Thanks to its high variability, the MLC is suitable for **big plant installations** and offers the following connection possibilities:

- 60x 200 W, 30x 400 W, 14x 800 W, 10x 1,200 W

Numerous additional specifications are possible on request.

**Technical Data**

<table>
<thead>
<tr>
<th>Maximum power per lamp</th>
<th>1,200 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage supply</td>
<td>EVG-UVT, MLC-Rack</td>
</tr>
<tr>
<td>Power adjustment (optional)*</td>
<td>EVG-UVT, MLC-Rack</td>
</tr>
<tr>
<td>Output signals</td>
<td>EVG-UVT, MLC-Rack</td>
</tr>
<tr>
<td>Interface</td>
<td>EVG-UVT, MLC-Rack</td>
</tr>
</tbody>
</table>

*Dependent on used lamp

To minimize installation and service effort, our power supplies are equipped with printed circuit board connectors.

Integrated LEDs signal the operation conditions of the EPS (e.g. pre-heat, lamp ON) and clearly display status.

All EPS series products are suitable for integration into existing UV systems.

The only premise is that the ballast matches the installed lamp.

If required, we may need a lamp sample to verify lamp parameters.