



## eUV-2 Compact series

**Electronic Power Supplies  
for UV medium pressure lamps**

**10.0 kW**

### System features

- Up to 10 kW lamp power
- Up to 1,300 V lamp voltage
- Analogue or digital control
- High efficiency up to 98%
- Wide-range input
- TN, TT and IT-supply capability

### Advantages

- Gentle lamp start allows maximum lamp life
- Up to 300 m connection cable to UV lamp
- Very compact and light-weight design
- Rectangular burning voltage for gentle and long-lasting lamp life

Our eUV-2 Compact is a series of ballasts for **UV medium-pressure lamps** with higher burning voltages and max. power of **10.0 kW**.

The eUV- 2 Compact are **suitable for all industrial applications in curing and printing industry and UV water treatment applications**, such as sewage or ballast water treatment systems. For the latter we offer a specially developed maritime design on request.

## Characteristics

The **high efficiency** of 98%, its dimming range from 5% to 100% and the integral HF sine-ignitor ensure efficient and lamp-friendly operation. The wide range of supply voltages and the suitability for IT networks enable operation on almost all mains supplies worldwide.

The permissible **cable length** of our eUVs of **up to 300 m** offers the system manufacturer more flexibility and extended possibilities when setting up the control cabinets.

## Operation

Communication possible by **analogue or digital interfaces** allows exact control and monitoring of all lamp and ballast parameters.

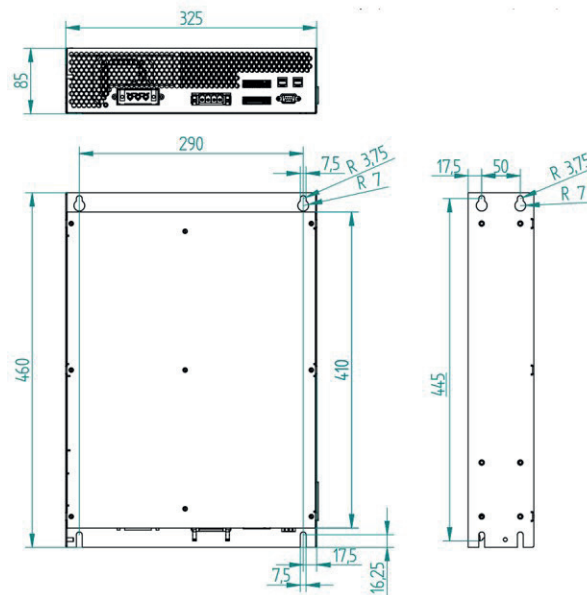
## Ease of service

All eUV devices are configurable by optional OPA software and special USB cable. Parameters can be read out live.

## Technical data

|                                |   |
|--------------------------------|---|
| Available power outputs        | 10.0 kW   |
| Allowed lamp voltages          | max. 1,300 V  |
| Mains supply                   | 3x 360-530 VAC, 50/60 Hz  |
| Power control                  | 5% - 100 %* stepless  |
| Efficiency                     | 98%   |
| Control inputs                 | analogue/digital  |
| Output signals (C0)            | Lamp voltage<br>Lamp power<br>Status signals (operation, warning, failue with failure code) |
| Digital connections (optional) | CANOpen (C1)<br>Modbus (C2)   |
| Ambient temperature            | 0-40°C  |
| Protection class               | IP20  |

\*depending on application and used lamp



|             |                   |                          |        |         |              |           |
|-------------|-------------------|--------------------------|--------|---------|--------------|-----------|
| hönle group |                   | Disinfection             | Drying | Curing  | Control      | Measuring |
|             |                   |                          |        |         |              |           |
| aladin      | eleco panacol-efd | eltosch grafix           | hönle  | panacol | printconcept | raesch    |
|             |                   | uv-technik speziallampen |        |         |              |           |