



### eUV-3 Compact series

Electronic Power Supplies  
for UV medium pressure lamps

Versions for max.  
12.0 kW  
20.0 kW

#### System features

- Up to 20 kW lamp power
- Up to 2,100 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

## eUV-3 Compact Electronic Power Supplies

Our eUV-3 Compact is a series of ballasts for **UV medium- pressure lamps** with higher burning voltages and max. power of **12.0** resp. **20.0 kW**.

The eUV- 3 Compact are **suitable for all industrial applications in curing and printing industry and UV water treat-ment applications**, such as sewage or ballast water treat-ment 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	12.0 kW resp. 20.0 kW
Allowed lamp voltages	max. 2,100 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 Lamp power Status signals (operation, warning, failure with failure code)
Digital connections (optional)	CANOpen (C1) Modbus (C2)
Ambient temperature	0-40°C
Protection class	IP20

\*depending on application and used lamp

