

## ***High power xenon lamps simmer***

**Microprocessor controlled simmer for large xenon lamps.**

**Open frame board.**

**Lab version available.**

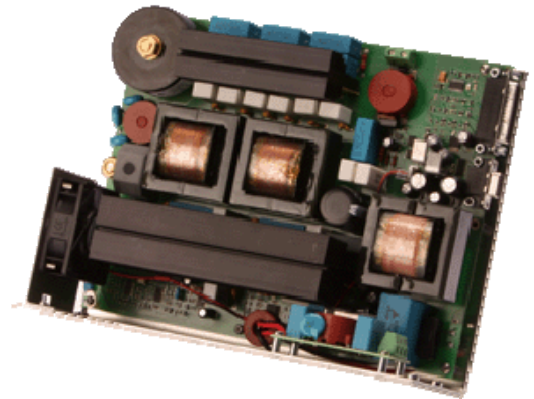
**Up to 500w Output.**

**Fully insulated.**

**Integrated trigger.**

**Usable for a large range of xenon lamp.**

**Reverse voltage protection 8KV diode.**



### **General description**

A power factor controlled drives a high performance current regulator.

This simmer includes circuit to trig the xenon lamp either in serial or parallel mode \*.

The simmer is  $\mu$ P controlled and can be easily controlled.

- Stand-alone mode.
- TTL
- RS232

The power output is fully insulated from mains voltage.

### **Applications**

- High power IPL applications
- Decontamination
- Sterilization
- Curing resins

## Specifications

### Input

- *110-230V AC 50-60 Hz wide range*
- *Power factor correction (Power factor > 0.98)*

### Output

- *300mA to 1500mA programmable simmer current*
- *Automatic boost*
- *SCR drive for external serial or parallel mode trigger*
- *Open circuit voltage up to 3KV*
- *8KV protection output diode*

EC compliant

Fully  $\mu$ P controlled

User interface (optional)

- *RS232*
- *TTL*

Stand-alone operation

### Simmer trigger

- *Voltage 400V*
- *Energy 60 mJ*
- *Automatic restrike*

### Connections

*Input/output OEM connectors*

### Efficiency

*>80%*

### Temperature

*0°C to 55°C*

### Mechanical

- *Size: (open frame)*
  - *W 260 mm*
  - *L 210 mm*
  - *H 110 mm*
- *Weight:*
  - *3500 g*

\*We can provide the serial mode high voltage transformer. Contact us.

**Product can be modified to fit your requirements.  
Do not hesitate to contact us.**

**E.D.N. (Electronic Development Normandy) Sarl**

Parc Industriel de Cardonville / BP 3 - 76710 MONTVILLE / FRANCE

Phone : +33 (0)2 72 34 12 30 Fax : +33 (0)2 35 37 05 89

Email : [contact@ednormandy.com](mailto:contact@ednormandy.com)