



## FLASHLAMP SUPPLY 7014

The Laser Drive 7014 Capacitor Charging Power Supply provides the flexibility of a small size, wide output voltage range and adjustable hold off period. The AC Mains input eliminates the need for a separate power supply for operation. The encapsulated transformer provides quiet operation and extended reliability. The 7014 Power Supply is a great solution for reliable operation of Xenon Flashlamps.



Laser Drive is an innovative international company dedicated to the quality design, manufacture and support of power supplies for various laser and light sources. Laser Drive provides world class designs and support for all your power supply needs.

Some of our laser products include power supplies for Argon, HeNe and Diode Lasers. Our light products include Capacitor Charging Power Supplies for Dye and Excimer Lasers, Deuterium Lamp Power Supplies, CW Arc Lamp Power Supplies, Tungsten Lamp Power Supplies and a variety of Flash Lamp Power Supplies.

Laser Drive has been in business since 1976 and today is a growing international company based in the Pittsburgh, Pennsylvania area. Our manufacturing quality system is ISO 9001:2000 certified and provides the highest quality products available today. We are a full service provider of power supply design, manufacturing and support.

### Specifications

- Designed to Meet IEC 950 and UL 1950
- Open Frame Design
- Input Voltage 115 or 230 VAC  $\pm 10\%$ , Selectable
- Input Current < 1 Amp
- Output 400-1500 VDC, Adjustable
- Optically Isolated Trigger Input (5 V)
- Output Power 60 j/sec Maximum
- Discharge Repetition Rate 1000 Hz Maximum
- Hold-off Period 50 to 300  $\mu$ sec, Adjustable
- Output Voltage Accuracy  $\leq \pm 1\%$
- Trigger Output -170 VDC  $\pm 10\%$
- Temperature Range 0°C to 50°C
- Dimensions 6.50" x 4.04" x 1.50"

The information contained in this document is for reference only and subject to change without notice. Please contact Laser Drive for information (724) 443-7688 ▪ [www.laserdrive.com](http://www.laserdrive.com) ▪ [sales@laserdrive.com](mailto:sales@laserdrive.com)