The Model 7700 is a compact 24 VDC operated, 300ma, 30 Watt, Ultra Low Noise Deuterium Lamp Power Supply. The 7700 power supply is an open frame power supply that includes advanced lamp triggering (for hard to start lamps) and heater output with warm up and run logic. The small size facilitates integration into small enclosure.

### Specifications

- **Input Voltage**: 24 VDC ±10%
- **Input Current**: <2.0 Amp
- **Operating Voltage**: 80 ±20 VDC
- **Output Current**: 300 mADC ±10% (fixed)
- **Current Ripple**: < 0.5% p-p
- **Anode Voltage Minimum**: >160 VDC (open circuit)
- **Warm Up Period**: 30 ±5 seconds
- **Heater Voltage Options**
  - Warm Up 2.5 to 15 VDC
  - Run 0 to 7 VDC
  - Standard combinations available
- **Trigger Output**: 600 ±50 Vp-p
- **Temperature Range**: 0°C to 40°C
- **Dimensions**: 4.750” x 4.050” x 1.425”
- **Cooling**: 20 CFM forced air any direction

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 9001:2008 certified and provides the highest quality products available today. We are a full service provider of power supply design, manufacturing and support.

The information contained in this document is for reference only and subject to change without notice.

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