

## Voltex HeNe Laser Power Supply

**Model J-22-00**



The Voltex J series of AC input power supplies represents the state of the art in compact, ultra-high reliability switching power supplies. Designed to provide very high conversion efficiency, and fully encapsulated in a specially formulated epoxy for maximum heat dissipation and electrical insulation, these power supplies can be packaged in a much more compact and convenient size than our competitors without compromising reliability. This power supply:

- Operates most 2 mW through 7 mW HeNe lasers.
- Delivers > 85% conversion efficiency for cool operation and long life.
- At 1" X 1 1/2" X 6", occupies only 9 cubic inches.
- Has an internal bleed-down resistor to reduce shock hazard.
- Has a full 18-month warranty.

For further information, pricing and delivery, please contact:

**Voltex, Inc.**  
2336 East Platte Ave  
Colorado Springs, CO  
80909

Tel: (719) 599-0531  
Fax: (719) 599-7851  
E-mail: [info@voltex.net](mailto:info@voltex.net)  
Website: [www.voltex.net](http://www.voltex.net)

# J-22-00 SPECIFICATIONS

## Input:

|                |                          |
|----------------|--------------------------|
| Input Volts:   | 115 VAC +/-10%. 50/60 Hz |
| Input Current: | .2 A Max.*               |
| Lead Length:   | 12" minimum (304mm)      |

## Output:

|                          |   |
|--------------------------|---|
| Voltage:                 | 1900-2600 VDC                               |
| Current:                 | 4 to 7 mA. User adjustable                  |
| Start Voltage:           | >10 KV                                      |
| Output Current Ripple:   | < 5% P – P ( < 2% RMS ) **                  |
| Output Fault Protection: | Open, Short, Arc                            |
| Conversion Efficiency:   | > 85%                                       |
| CDRH Delay:              | 3 – 5 seconds. (Cut violet loop to disable) |
| Output Connector:        | Alden style, high voltage                   |
| Dimensions:              | 1" X 1.5" X 6" (25mm X 38mm X 152mm)        |

\* Input Current varies with line and load.

\*\* Measured current ripple will vary with type of laser and current setting.

