

## Voltex HeNe Laser Power Supply

**Model J-15-00**



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 1/2 mW through 2 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:

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# J-15-00 SPECIFICATIONS

## Input:

Input Volts: 115 VAC +/-10%. 50/60 Hz  
Input Current: .23 A Max.\*  
Lead Length: 12" minimum (304mm)

## Output:

Voltage: 1300-1900 VDC  
Current: 3 to 6.0 mA. User adjustable  
Start Voltage: >8 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.

