

Voltex HeNe Laser Power Supply

Model T 36



The Voltex Model T 36 power supply is intended to operate the 10 mW and larger HeNe lasers. Designed to provide very high conversion efficiency, these power supplies are packaged in a much more compact and convenient size than our competitors while exhibiting unmatched reliability. This power supply:

- Operates lasers from 3200 to 4000 VDC at up to 7mA.
- Has selectable 115 VAC or 230 VAC input.
- Delivers > 85% conversion efficiency for cool operation and long life.
- Has low output current ripple in its standard form.
- 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
Website: www.voltex.net

TH-36-00 SPECIFICATIONS

Input:

Input Volts: 115 or 230 VAC +/-10%. 50/60 Hz
 Input Current: .25 A Max.*
 Lead Length: 12" minimum (304mm)

Output:

Voltage: 3200-4000 VDC
 Current: 5 to 7 mA. User adjustable
 Current Regulation +/- .01 mA line & load, short term
 Start Voltage: >12 KV
 Output Current Ripple: < 3% P – P (< 1% 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: 1.2" X 3.25" X 4.25" (30mm X 83mm X 108mm)

* Input Current varies with line and load.

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



