

Voltex HeNe Laser Power Supply

Model DG-36-00



The Voltex DG series of dual 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 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.
- At 1" X 2 ½" X 3 ½", occupies only half the space of comparable units.
- 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

DG-36-00 SPECIFICATIONS

Input:

Input Volts: 115 or 230 VAC +/-10%. 50/60 Hz
Input Current: .5 Amps at 115VAC, .25A at 230VAC*
Lead Length: 12" minimum (304mm)

Output:

Voltage: 3200-4000 VDC
Current: 5 to 7 mA. User adjustable
Start Voltage: >12 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 2.5" X 3.5" (25mm X 64mm X 89mm)

* Input Current varies with line and load.

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

