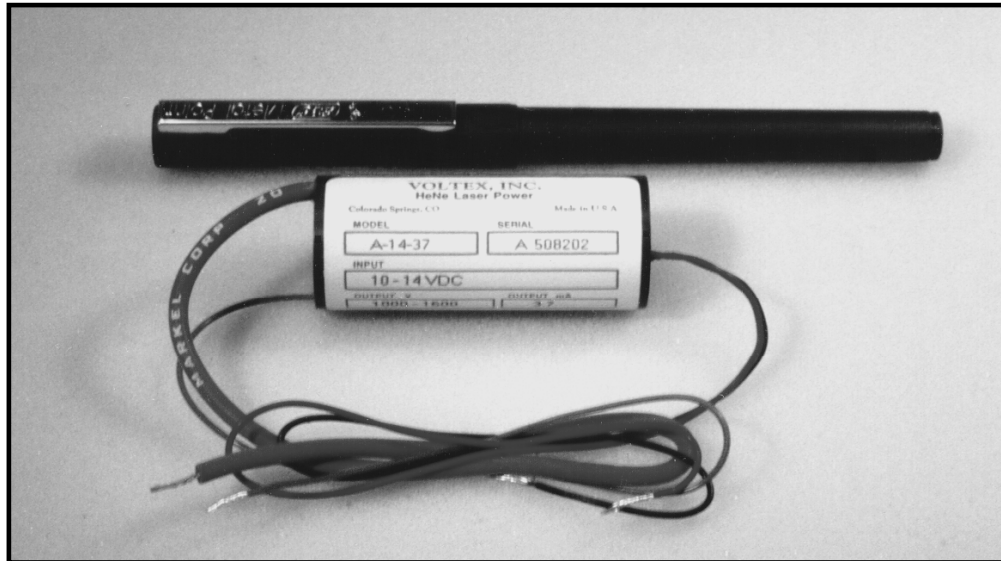


Voltex HeNe Laser Power Supply

Model A-14-00



The Voltex A series of DC input power supplies represents the state of the art in ultra-compact, 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 1 mW HeNe lasers.
- Delivers 80% conversion efficiency for cool operation and long life.
- At 7/8" diameter, And 2 1/8" long, occupies less than 1.3 cubic inches.
- Is available with inputs from 5 V to 18 V.
- Regulates output current within +/- .04 mA or better.
- 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

A-14-00 SPECIFICATIONS

Input:

Input Volts:	10 - 14 VDC
Input Current:	.3 to .6 A *
Lead Length:	8" minimum.

Output:

Voltage:	1000-1500 VDC
Current:	2.5 to 4.0 mA. Factory set.
Start Voltage:	>7 KV
Output Current Ripple:	< 15% P – P **
Conversion Efficiency:	80%
Current Regulation	+/- 10%, Line & Load
Dimensions:	7/8" dia. X 2 1/8" long (21.5 dia. X 54 L)

* Input Current varies with line and load.

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

