

Voltex HeNe Laser Power Supply

Model TH-28-00



The Voltex TH series of dual AC input power supplies represents the state of the art in ultra-high reliability switching power supplies for applications requiring a higher output current than our standard DG series. 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 2400 to 3200 VDC at up to 10mA.
- Has selectable 115 VAC or 230 VAC input.
- Delivers > 85% conversion efficiency for cool operation and long life.
- 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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TH-28-00 SPECIFICATIONS

Input:

Input Volts:	115 or 230 VAC +/-10%. 50/60 Hz
Input Current:	.6 Amps at 115VAC, .3A at 230VAC*
Lead Length:	12" minimum (304mm)

Output:

Voltage:	2400-3200 VDC
Current:	8 to 10 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:	1.2" 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.

