

Voltex HeNe Laser Power Supply

Model ST-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 10 mA.
- 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:

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ST-36 SPECIFICATIONS

Input:

Input Volts: 115 or 230 VAC +/-10%. 50-400 Hz
Input Current: .25 A Max *

Output:

Voltage: 3200 - 4000 VDC
Current: 8 to 10 mA. User adjustable
Start Voltage: >12 KV
Output Current Ripple: < 5 % P – P (< 2 % RMS DC to 1 mHz) **
Output Fault Protection: Open, Short, Arc
Conversion Efficiency: > 85%
CDRH Delay: 3 – 5 seconds. (Open case and cut violet loop to disable)
Output Connector: Alden style, high voltage
Dimensions: 2.6" X 4" X 6.5" (66mm X 102mm X 152mm)

* Input Current varies with line and load.

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

Safety Compliance:

CE Compliant, RoHS Compliant