



Features

- Safety interlocks
- Advanced control & monitoring functions
- Soft start circuitry
- User settable parameters
- Data logging with one-click data export
- Power calibration
- User-friendly software interface



Model Number	9001-0002	9001-0004
Output		
Output Current	70A	64A
Output Current Resolution		
Noise/ripple	0.20% RMS	0.20% RMS
Compliance Voltage @ Max Current	5.0V at output	6.0V at output
Laser Voltage Measurement Range	0-7.5 V	0-7.5 V
Laser Voltage Measurement Resolution	0.0003	0.0003
Laser Voltage Measurement Accuracy	0.02	0.02
Monitor Inputs		
Light-loop/monitor Input Signal Range	0-2 mA or 0-2.5 V factory settable	0-2 mA or 0-2.5 V factory settable
Light-loop Input Signal Resolution	0.03% FS	0.03% FS
Light-loop Input Signal Accuracy	User calibrated software interface	User calibrated software interface
Temperature Sensor (not included)	NTC 10K Ω	NTC 10K Ω
Temperature Resolution	0.03° C typical	0.03° C typical
Temperature Accuracy	User calibrated	User calibrated
Pulsed Operation		
Pulse Rate	1kHz, max.	1kHz, max.
Rise Time	170usec, nominal	170usec, nominal
Pulse Width	User settable	User settable
External Trigger	TTL, edge trigger	TTL, edge trigger
External Bias Control	0-2.5V	0-2.5V
Connectors		
Data	RS-232, DB-9 or USB-B	RS-232, DB-9 or USB-B
External Trigger and Bias Control	SMB	SMB
Output	DB37 female, mixed pin	DB37 female, mixed pin
Optional Output Cable, 1 Meter	DB37 male, one end only	DB37 male, one end only
General		
Input Power	90-264 VAC	90-264 VAC
Frequency	47-67 Hz	47-67 Hz
Current	<8.6 amp max	<8.6 amp max
Power Factor	0.95	0.95
Efficiency	0.8	0.8
EMI	Designed to meet FCC-B	Designed to meet FCC-B
Operating Temperature	0° C to 40° C, non-condensing	0° C to 40° C, non-condensing
Dimensions (HxWxD)	3.8" x 6.3" x 11.8"	3.8" x 6.3" x 11.8"

Warning: Class 4 Laser, Invisible Laser Radiation – Avoid Eye or Skin Exposure to Direct or Scattered Radiation.

Laser Operations LLC