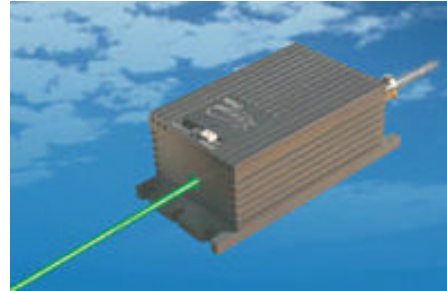

GREEN(532nm) LASER MODULES

Versatile and Reliable..... DPSS Green Laser Modules

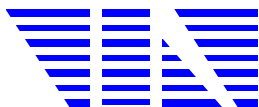
Diode-Pumped Solid State (DPSS) Laser Modules

- ⊗ Circular Collimated beam
- ⊗ 532nm wavelength
- ⊗ Power Output 50, 100, 150, 200mW
- ⊗ Linear Polarization
- ⊗ CW or Modulated mode
- ⊗ TEC Temperature Stabilization
- ⊗ Relatively Small Size
- ⊗ 110V/230V Power Supply



Specifications:

Parameters	Value
Wavelength	532nm
Mode	TEM00
Output Power	Models with 50mW, 100mW, 150mW, and 200mW
Operating Current	0.5 – 1.25A
Operating Mode	CW or Modulated
Line width	0.1nm
Polarization	Linear
Beam Shape	Circular, aspect ratio: 1.1:1
Beam Diameter	2mm (near output aperture)
Beam Divergence	0.5 mrad
Beam Quality (M ²)	1.2
Temperature Stabilizing	TEC
Operating Temperature	20 - 30 °C (optimum)
Warm up Time	~ 5 min
Input Voltage	85 - 230V AC, 50/60 Hz
Size/Weight	5.5" (L) x 2.75" (W) x 1.9" (H) / 665 g



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Power Supplies for Green Laser Modules

- 85 -230V AC input
- Well-Regulated Output
- TTL/Analog Modulation up to 30kHz
- Temperature Stability
- Built-in TEC Controller
- Turn-Key Power ON/OFF



- 85 - 230V AC input
- Well-Regulated Output
- TTL/Analog Modulation up to 30kHz
- Temperature Stability
- Built-in TEC Controller
- Turn-Key Power ON/OFF
- Power-On/Alarm LEDs
- Panel Current Adjustment

Power Supply Specifications

Parameters	Value
Drive Current	0 - 2.0 Amps
External Modulation	DC - 30 kHz TTL and Analog
TEC Drive Current	3.0 Amps max
TEC Drive Voltage	5.0 V max
Temperature Stability	0.1 °C
Temperature Control Range	5 - 40 °C
Operating Temperature	0 - 50 °C
Input Voltage	85 - 230V AC, 50/60 Hz
Size/Weight	4.5" (L) x 2.75" (W) x 3.75" (H) / 795 g



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