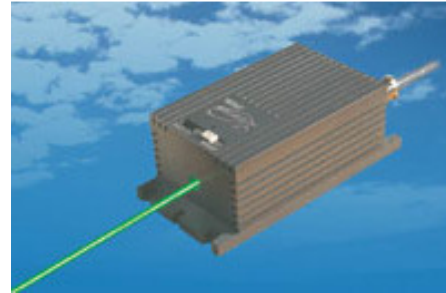


GREEN (532 nm) LASER MODULES

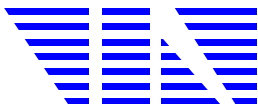
Versatile and Reliable..... DPSS Green Laser Modules Diode-Pumped Solid State (DPSS) Laser Modules

- ⊗ **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	TEM ₀₀
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



VIN KAROLA INSTRUMENTS

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Fax: 770/447-8045
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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



PS-IIa

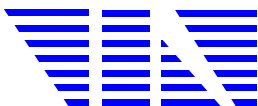


PS-IIb

- 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	4.5" (L) x 2.75" (W) x 3.75" (H)
Weight	795 g



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