



MGL-F-532/1.5-2.5W



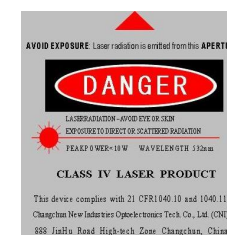
LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green laser is made features of ultra compact, long lifetime, and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, etc.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	CW	
Output power (W) ¹	1.5- 2.5	1.5
Power Stability (rms, 4 hours ± 3°C)	<3%, <2%, (<1% optional)	
Transverse mode	TEM ₀₀	
Spectral linewidth (nm)	<0.1	<0.003
M ²	<1.2, (<1.1 optional)	
Beam divergence, full angle (mrad)	<1.2	
Beam diameter at the aperture (1/e ² , mm)	~1.2	
Warm-up time (minutes)	<10	
Pointing Stability(urad) (over 2 hours after warm-up and ±3°C)	<50	
Pointing Stability Over Temperature (urad/°C)	<20	
Polarization ratio	>100:1, Horizontal(Vertical optional)	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10-35	
Power supply (100-240VAC)	PSU-H-FDA/PSU-H-LED/PSU-H-OEM	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional	
Expected lifetime (hours)	>10000	



LASER HEAD	POWER SUPPLY (PSU-H-FDA) ²	POWER SUPPLY (PSU-H-LED) ³	POWERSUPPLY (PSU-H-OEM)
<p>204.5 (L) × 88 (W) × 74 (H) mm³, 2.3 kg</p>	<p>275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg</p>	<p>275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg</p>	<p>182 (L) × 140.5 (W) × 52 (H) mm³, 0.85 kg</p>

1 Any power level can be selected in this range.

2 Fixed output power.

3 Output power adjustable 10-100%.