

MGL-F-532/1.5~2.5W



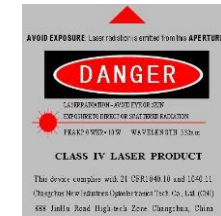
LD PUMPED ALL-SOLID-STATE GREEN LASER

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, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	CW	
Output power (W)	>1.5, 1.6, 1.7, ..., 2.5	~1.5
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	
Transverse mode	TEM ₀₀	
Spectral linewidth (nm)	<0.1	<0.003
M ² factor	<1.2(<1.1 optional)	
Beam divergence, full angle (mrad)	<1.2	
Beam diameter at the aperture (1/e ² , mm)	~2.0	
Warm-up time (minutes)	<10	
Polarization ratio	>100:1	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-H-OEM	
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MGL-F-532	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p>214 (L) × 88 (W) × 74 (H) mm³, 1.6 kg</p>	<p>277 (L) × 145 (W) × 106 (H) mm³, 2.6 kg</p>	<p>275 (L) × 145 (W) × 104 (H) mm³, 2.4 kg</p>	<p>238 (L) × 146 (W) × 94 (H) mm³, 2.2 kg</p>