

MGL-FN-550/1~200mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

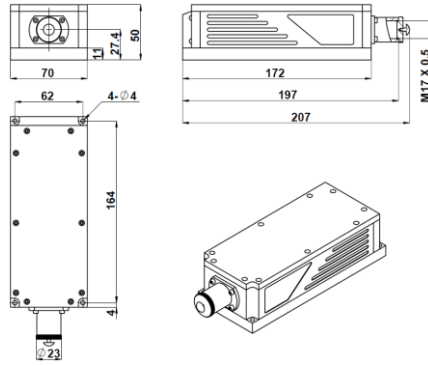
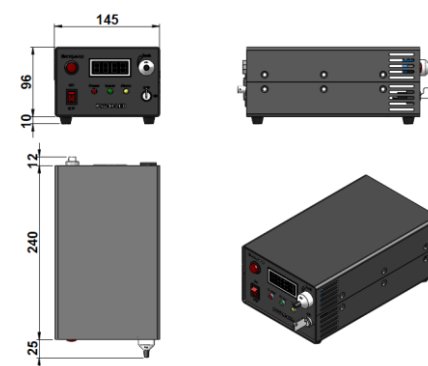
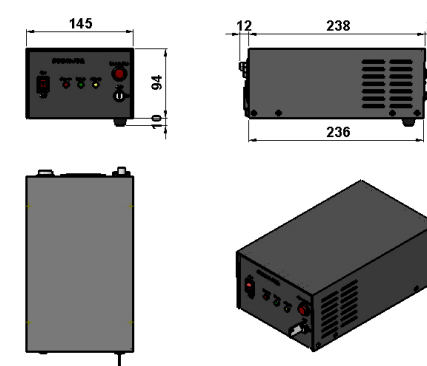
DPSS green laser at 550nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, medical treatment, scientific research, optogenetics, etc.



SPECIFICATIONS

Wavelength (nm)	550±1	
Operating mode	CW	
Output power (mW)	>1, 5, 10, 20, ..., 200	
Power stability (rms, over 4 hours)	<3%, <5%	
Transverse mode	TEM ₀₀	
M ² factor	<1.5	
Beam diameter at the aperture (1/e ² , mm)	~2.0	
Beam divergence, full angle (mrad)	<1.5	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MGL-FN-550	PSU-H-LED	PSU-H-FDA
 <p>197(L)×70(W)×50(H) mm³, 1.36kg</p>	 <p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	 <p>236(L) ×145(W) ×104(H) mm³, 2.3 kg</p>