



Your source for high quality, affordable lasers

## DATA SHEET

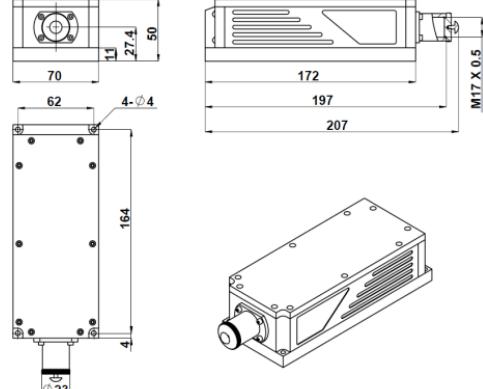
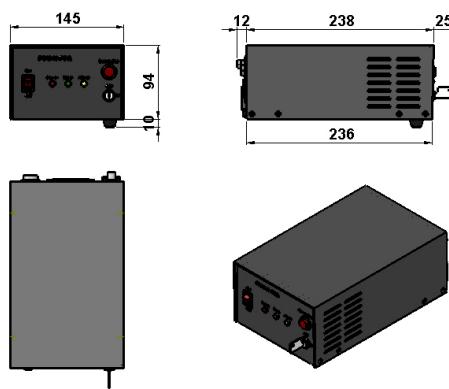
### LD PUMPED ALL-SOLID-STATE YELLOW GREEN LASER AT 561nm

Yellow green laser at 561nm is made of features of ultra-compact, long lifetime, low cost and high stability, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



**Model: MGL-FN-561/1~200mW**

Wavelength (nm)	561 ± 1nm	
Operating mode	CW	
Output power (mW)	>1, 5, 10, ..., 100	>100, ..., 200
Power stability (rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%, <5%
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.2	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1 Vertical ±5 degree (Horizontal optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	27.4	
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)	10,000	
Warranty period	1 year	

MGL-FN-561	Dimensions	PSU-H-LED	PSU-H-FDA
	 197(L) × 70(W) × 50(H) mm <sup>3</sup> , 2.0kg	 277 (L) × 145 (W) × 106 (H) mm <sup>3</sup> , 2.6 kg	 236(L) × 145(W) × 104(H) mm <sup>3</sup> , 2.3kg