



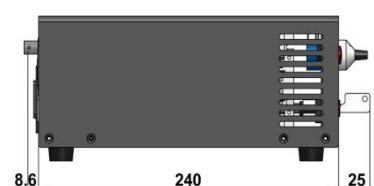
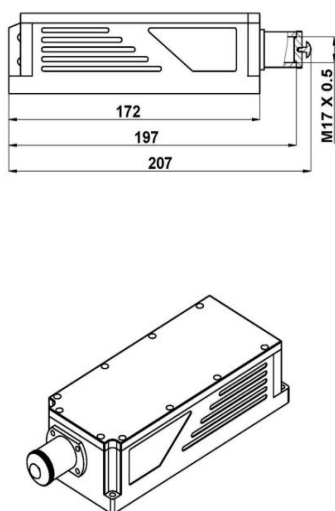
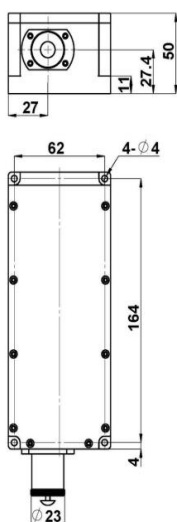
545nm 1-100mW LD PUMPED ALL-SOLID-STATE LASER

All solid state laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



Specifications

型号 Model No.	FU-MGL-FN-545100
波长 Wavelength (nm)	545±1
输出功率 Output Power (mW)	1~100
功率稳定性 Power stability(rms, over 4 hours)	<5%, <3%
横向模式 Transverse mode	Near TEM00
工作方式 Operating mode	CW
光束质量因子 M ² factor	<1.5
孔径处光束直径 Beam diameter at the aperture(1/e ² ,mm)	<2.0
光束发散角 Beam divergence, Full Angle(mrad)	<1.5
偏振比 Polarization Ratio	>50:1, Vertical (Horizontal for optional)
预热时间 Warm-up time(minutes)	<5
预热后指向稳定性 Pointing stability after warm up(mrad)	<0.05
光束高度 Beam height from base plate(mm)	27.4
工作温度 Operating temperature(℃)	10~35
调制方式 Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional
供电电压 Power supply(90-264VAC)	FU-PSU-H-LED
保修期 Warranty Time	1 year
激光头尺寸/重量 Laser head dimension(mm) / Weight	197*70*50(L*W*H) / 1.5kg
电源尺寸/重量 Power supply dimension(mm) / Weight	273.6*145*106(L*W*H) / 2.3kg



197(L)×70(W)×50(H) mm³, 1.5 kg

273.6 (L) ×145(W) ×106 (H) mm³, 2.3 kg