

MGL-F-577/1-600mW



**LD PUMPED ALL-SOLID-STATE  
YELLOW LASER**

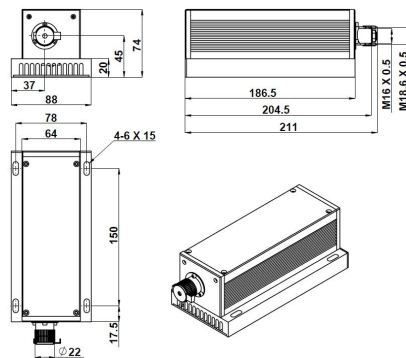

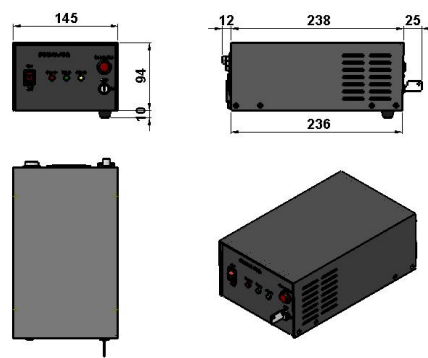
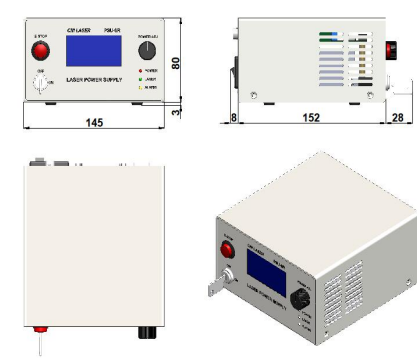
All solid state 577nm yellow laser is made features of ultra compact, long lifetime, cost -effectiveness and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



**SPECIFICATIONS**

Central wavelength (nm)	577±2	
Operating mode	CW	
Output power (mW)	>10, 20, 50, ..., 300	>300, ..., 600
Power stability (rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%, <5%
Transverse mode	TEM <sub>00</sub>	Multimode
M <sup>2</sup> factor	<1.5	<3
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3.0	
Beam divergence, full angle (mrad)	<1.5	
Beam height from base plate (mm)	45	
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)	
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/PSU-SR	
Modulation option	TTL on/off, 1Hz-1KHz	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MGL-F-577	PSU-H-LED	PSU-H-FDA	PSU-SR
 <p>211 (L) × 88 (W) × 74 (H) mm<sup>3</sup>, 1.6 kg</p>	 <p>277 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>275 (L) × 145 (W) × 104 (H) mm<sup>3</sup>, 2.3 kg</p>	 <p>188(L) × 145(W) × 83(H) mm<sup>3</sup>, 1.2kg</p>