



MGL-U-561 /1~200mW



**HIGH STABILITY DPSS LASER  
AT 561nm**

High stability DPSS laser at 561nm is made features of ultra compact, long lifetime, high stability and reliability, which is used in scientific experiment, medical measurement, instrument, spectrum analysis, etc.

**SPECIFICATIONS**

Central wavelength (nm)	561±1
Operating mode	CW
Output power (mW)	>1, 5, 10, 20, ... , 80
Power stability (rms, over 4 hours)	<1%, <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)	0.70±0.05
Beam divergence (mrad)	<1.5
Polarization Ratio	>100:1, Vertical±5 degree
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	27.4
Laser head consumption(W)	15 (typical) , <25 (40°C)
Max. Laser Head Base plate Temp (°C)	50
Operating Temperature (°C)	10-40
Power supply (90-264VAC)	PSU-H-LED/ PSU-H-FDA
Expected lifetime (hours)	10000
Warranty	1 year



Note: The laser head needs to be used on a heat sink with good heat dissipation.



MGL-U-561	PSU-H-LED	PSU-H-FDA
<p>142.5 (L) × 60 (W) × 50 (H) mm<sup>3</sup>, 1.0 kg</p>	<p>277 (L) × 145 (W) × 106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>236 (L) × 145 (W) × 104 (H) mm<sup>3</sup>, 2.3 kg</p>