



MGL-S-561/1~30mW



LD PUMPED ALL-SOLID-STATE
YELLOW GREEN LASER

Yellow green laser at 561nm is made 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.

SPECIFICATIONS

Wavelength (nm)	561±1
Operating mode	CW
Output power (mW)	>1,2,10.....30
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	TEM ₀₀
M ² factor	<2.0
Beam diameter at the aperture (1/e ² , mm)	0.7±0.1
Beam divergence, full angle (mrad)	<1.5
Polarization ratio	>100:1 Vertical±5 degree (Horizontal Optional)
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	19
Power supply(90-264VAC)	PSU-A-D/PSU-A-F/PSU-III-OEM-97(5VDC)
Operating temperature (°C)	10-35
Modulation	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty	1 year



MGL-S-561	PSU-A-D	PSU-A-F	PSU-III-OEM-97
<p>117.5 (L) × 40 (W) × 40 (H) mm³, 0.36kg</p>	<p>162 (L) × 144 (W) × 70 (H) mm³, 0.6kg</p>	<p>162 (L) × 144 (W) × 55 (H) mm³, 0.5kg</p>	<p>94 (L) × 75 (W) × 49 (H) mm³, 0.23kg</p>