



MGL-III-532/1~300mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532nm green 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, laser display, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	CW	
Output power (mW)	>1, 5, 10, 20, ... ,200	>200, ..., 300
Power stability (rms, over 4 hours)	<1%, <2%, <3%	<2%, <3%
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.2(<1.1 optional)	
Beam diameter at the aperture 1/e <sup>2</sup> (mm)	~1.2	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1, Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	24.8	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC or 5VDC)	PSU-III-LED PSU-III-FDA PSU-III-OEM-97	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty	1 year	



MGL-III-532	PSU-III-LED	PSU-III-FDA	PSU-III-OEM-97
<p>140.5 (L) × 73 (W) × 46.2 (H) mm<sup>3</sup>, 0.6kg</p>	<p>153 (L) × 155(W) × 92 (H) mm<sup>3</sup>, 1.5kg</p>	<p>133 (L) × 130(W) × 62.2 (H) mm<sup>3</sup>, 1.2kg</p>	<p>94(L) × 75(W) × 49(H) mm<sup>3</sup>, 0.23kg</p>