



MGL-F-536/1~500mW



LD PUMPED ALL-SOLID-STATE  
GREEN LASER AT 536nm

All solid state 536nm green laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Central wavelength (nm)	536±1	
Operating mode	CW	
Output power (mW)	>1, 10, 50, ... , 200	>200, 300.....500
Power stability (rms, over 4 hours)	<2%, <3%, <5%	<3%, <5%, <10%
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~3.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1 Horizontal±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty	1 year	



MGL-F-536	PSU-H-LED	PSU-H-FDA
<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>