

# Opto Engine LLC

## Data sheet

Rev. 0912

MGL-N-561/200~500mW

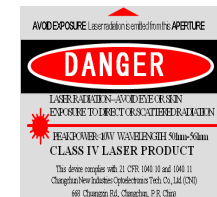
### LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 561nm





All solid state 561 nm yellow green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser medical treatment, scientific experiment, optical instrument, etc.



#### SPECIFICATIONS

Wavelength (nm)	561 ± 1		
Output power (mW)	>200, 300, 400, ..., 500		
Transverse mode	Near TEM <sub>01</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<10%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<3.0		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~4.0		
Beam height from base plate (mm)	68.2		
Polarization ratio	>100:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-N-561	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
 <p>235(L)×99(W)×94(H) mm<sup>3</sup>, 2.6 kg</p>	 <p>240 (L) ×146(W) ×108 (H) mm<sup>3</sup>, 2.6 kg</p>	 <p>238 (L) ×146(W) ×102 (H) mm<sup>3</sup>, 2.3 kg</p>	 <p>215 (L) ×108(W) ×122 (H) mm<sup>3</sup>, 2.145 kg</p>
