

Opto Engine LLC

Data sheet

Rev. 1609

MGL-N-543/200~1500mW



LD PUMPED ALL-SOLID-STATE GREEN LASER AT 543nm

All solid state laser at 543nm is made features of ultra compact, long lifetime and easy operating, which is used in scientific experiment, optical sensor, measurement, instrument, communication, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	543±1		
Operating mode	CW		
Output power (mW)	>200, 300, 400, ... , 1500		
Power stability (rms, over 4 hours)	<3%, <5%, <10%		
Transverse mode	Near TEM ₀₀		
M ² factor	<3.0		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (1/e ² ,mm)	~3.0		
Warm-up time (minutes)	<10		
Polarization ratio	>100:1		
Beam height from base plate (mm)	68.5		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional		
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-N-543	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
<p>245(L)×99(W)×94(H) mm³, 2.6 kg</p>	<p>277(L)×145(W)×106(H) mm³, 2.6 kg</p>	<p>275(L)×145(W)×104(H) mm³, 2.4 kg</p>	<p>215(L)×129(W)×122(H) mm³, 2.1 kg</p>