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DATA SHEET

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

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



Model: MGL-N-543/200~1500mW

Wavelength (nm)	543 ± 1nm		
Output power (mW)	>200, 300, 500, 800, 1000, 1500		
Transverse mode	Near TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<3%, <5%, <10%		
Warm-up time (minutes)	<10		
M ² factor	<3.0		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at 1/e ² (mm)	~3.0		
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
Modulation option	TTL on/off, 1Hz-1KHz, 1K-10KHz, 10K-30KHz, and analog modulation option		
Expected lifetime (hours)	10,000		
Warranty period	1 year		

MGL-N-543	Laser Head Dimensions	PSU-H-LED	PSU-H-FDA
	<p>245(L) × 99(W) × 94(H) mm³, 2.5 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>