



Your source for high quality, affordable lasers

Model: MGL-FN-532/1~1500mW

DATA SHEET

LD PUMPED ALL- SOLID-STATE GREEN LASER AT 532nm

All solid state 532nm green lasers 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, etc.

Wavelength (nm)	532 ± 1nm	
Output power (mW)	>10, 50, 100, 200, ...500, ... 1500	
Transverse Mode	TEM ₀₀	
Operating Mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%	
Warm-up time (minutes)	<10	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~2.0	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1 (o or 90 degree)	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10,000	
Warranty period	1 year	



MxL-FN-532	Dimensions	PSU-H-LED	PSU-H-FDA
	<p>207(L) × 70(W) × 50(H) mm³, 2.0kg</p>	<p>277 (L) × 145(W) × 106 (H) mm³, 2.6 kg</p>	<p>275 (L) × 145(W) × 104 (H) mm³, 2.3kg</p>