



Lasertack New Laser Generation

MGL-FN-550/1~80mW



LD PUMPED ALL-SOLID-STATE GREEN LASER

DPSS green laser at 550nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, medical treatment, scientific research, optogenetics, etc.



SPECIFICATIONS

Wavelength (nm)	550±1		
Operating mode	CW		
Output power (mW)	>1, 5, 10, 20, ..., 80		
Power stability (rms, over 4 hours)	<3%, <5%		
Transverse mode	TEM ₀₀		
M ² factor	<1.5		
Beam diameter at the aperture (1/e ² , mm)	~2.0		
Beam divergence, full angle (mrad)	<1.5		
Beam height from base plate (mm)	27.4		
Polarization ratio	>100:1		
Warm-up time (minutes)	<10		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
Expected lifetime (hours)	10000		
Warranty period	1 year		



MxL-FN-550	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
<p>197(L)×70(W)×50(H) mm³, 1.36kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>236(L) ×145(W) ×104(H) mm³, 2.3 kg</p>	<p>238 (L) ×146(W) ×94 (H) mm³, 2.2 kg</p>