

MGL-W-532/5000~20000mW

LD PUMPED ALL-SOLID-STATE GREEN LASER




All solid state 532nm green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



SPECIFICATIONS

Model	MGL-W-532A	MGL-W-532B
Wavelength (nm)	532±1	
Output power (mW)	>5000, 5500, 6000, ..., 10000	>5000, 5500, 6000, ..., 20000
Transverse mode	TEM ₀₀	Near TEM ₀₀
Operating mode	CW	
Power stability (rms, over 4 hours)	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<1.5	3.0~6.0 (<3.0 on request)
Beam divergence, full angle (mrad)	<0.7	<2.0
Beam diameter at the aperture (mm)	~4.0	
Beam height from base plate (mm)	93.5	
Polarization ratio	>50:1	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-W-LED/PSU-W-FDA	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty period	1 year	



MxL-W-532	PSU-W-LED	PSU-W-FDA
 333(L)×140(W)×125(H) mm ³ , 6.1 kg	 300 (L) ×162(W) ×134(H) mm ³ , 5.2 kg	 307 (L) ×168(W) ×123(H) mm ³ , 5.1 kg
