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DATA SHEET

LD PUMPED ALL-SOLID-STATE GREEN LASER AT 515nm

All solid state 515nm green lasers 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.



Model: MGL-W-515/200~500mW

Wavelength (nm)	515 ± 1nm	
Output Power (mW)	>200, 300, 400, 500	
Transverse mode	Near TEM ₀₀	
Operating mode	CW	
Power stability (rms, over 4 hours)	<5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<3.0	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (mm)	~3.0	
Beam height from base plate (mm)	93.5	
Polarization ratio	>100:1	
Pointing stability after warm-up (mrad)	<0.05	
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)	10,000	
Warranty period	1 year	

MGL-W-515	Laser Head Dimensions	PSU-W-LED	PSU-W-FDA
	<p>346(L) × 140(W) × 125(H) mm³, 5.7kg</p>	<p>336(L) × 168(W) × 133(H) mm³, 4.6kg</p>	<p>307(L) × 168(W) × 123(H) mm³, 4.5kg</p>