

MGL-F-515/1~100mW

### LD PUMPED ALL-SOLID-STATE GREEN LASER





All solid state 515nm green laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in scientific experiment, laser fluorescence, etc.



#### SPECIFICATIONS

Wavelength (nm)	515 ± 1		
Output power (mW)	>1, 3, 5, ..., 100		
Transverse mode	Near TEM <sub>00</sub>		
Operating mode	CW		
Power stability (rms, over 4 hours)	<10%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	<2.0		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	45		
Polarization ratio	>100:1		
Pointing stability after warm-up (mrad)	<0.05		
Operating temperature (°C)	10~35		
Power supply (80-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10000		
Warranty period	1 year		



MGL-F-515	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
			
211.5(L)×88(W)×74(H) mm <sup>3</sup> , 1.6 kg	240 (L) ×146(W) ×108 (H) mm <sup>3</sup> , 2.6 kg	238 (L) ×146(W) ×102 (H) mm <sup>3</sup> , 2.3 kg	238 (L) ×146(W) ×94 (H) mm <sup>3</sup> , 2.2 kg
