

MGL-F-515/1~100mW



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

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



### SPECIFICATIONS

Central wavelength (nm)	515±1
Operating mode	CW
Output power (mW)	>1, 3, 5, ..., 100
Power stability (rms, over 4 hours)	<10%
Transverse mode	Near TEM <sub>00</sub>
M <sup>2</sup> factor	<2.0
Beam diameter at the aperture 1/e <sup>2</sup> (mm)	~3.0
Beam divergence, full angle (mrad)	<2.0
Polarization ratio	>100:1
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	45
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MxL-F-515	PSU-H-LED	PSU-H-FDA
<p>211 (L)×88(W)×74(H) mm<sup>3</sup>, 1.6 kg</p>	<p>277 (L)×145(W)×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>275(L)×145(W)×104(H) mm<sup>3</sup>, 2.3 kg</p>