

MRL-SF-618/1~50mW

**LD PUMPED ALL-SOLID-STATE  
RED LASER**

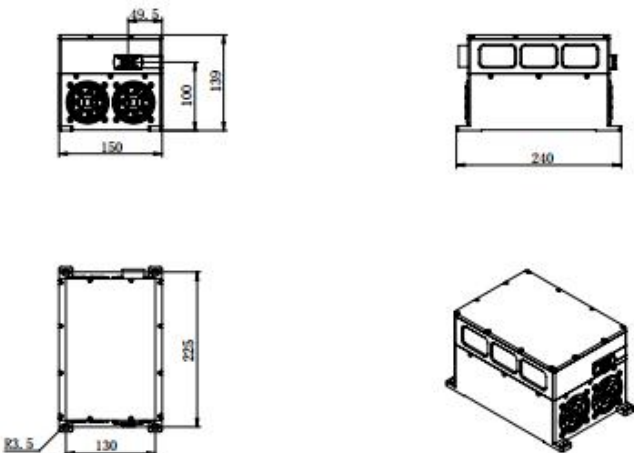
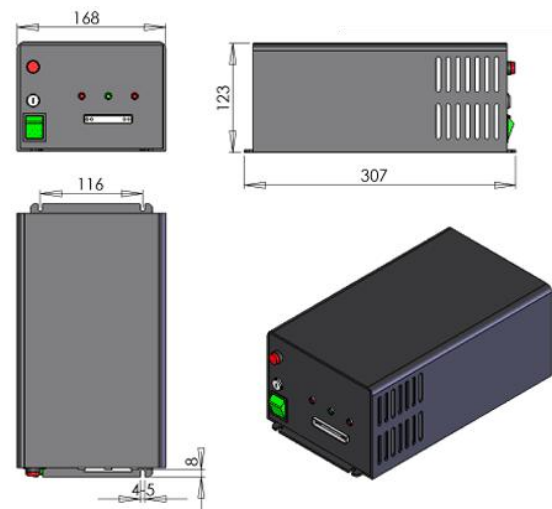
CNI's All solid state at 618nm red laser features of ultra compact, long lifetime, low cost and easy operating, which is used in laser display, medical treatment, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	618±1
Operating mode	CW
Output power (mW)	>10, 20, ...,50
Power stability (rms, over 4 hours)	<3%, <5%
Transverse mode	Near TEM <sub>00</sub>
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~4
Polarization ratio	>100:1
Beam height from base plate (mm)	100
Warm-up time (minutes)	<10
Operating temperature (°C)	15~30
Power supply (90-264VAC)	PSU-W-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MBL-SF-618	PSU-W-FDA
 <p>240(L)×150(W)×139(H) mm<sup>3</sup>, 7.5kg</p>	 <p>307 (L)×168(W)×123(H) mm<sup>3</sup>, 4.5kg</p>