

MGL-R-532/1~5W

LD PUMPED ALL-SOLID-STATE GREEN LASER

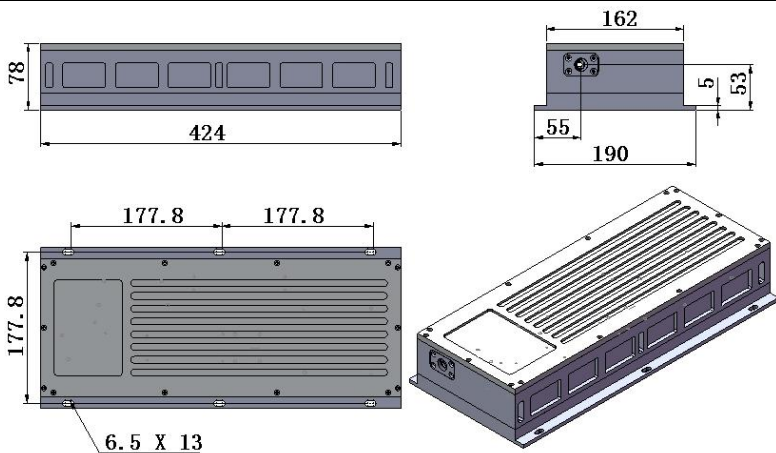
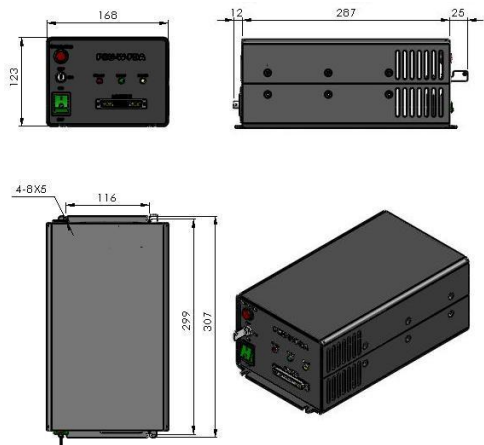

All solid state 532nm green laser is made features of ultra compact, long lifetime and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, laser display, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	CW
Output power (W)	>1, 1.5, 2, ..., 5
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%
Transverse mode	TEM ₀₀
Noise of amplitude (rms, 20Hz~20MHz)	<1%
Spectral linewidth (nm)	<0.003
M ² factor	<1.3
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (1/e ² , mm)	~1.0
Warm-up time (minutes)	<10
Polarization ratio	>50:1
Beam height from base plate (mm)	53
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-W-FDA
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional
Expected lifetime (hours)	10000
Warranty period	1 year



MGL-R-532	PSU-W-FDA	Water Chiller (Optional)
 <p>424 (L) x 190 (W) x 78 (H) mm³,</p>	 <p>307 (L) x 168 (W) x 123 (H) mm³, 4.5 kg</p>	 <p>580 (L) x 290 (W) x 470 (H) mm³, 23 kg</p>