



Your source for high quality, affordable lasers

DATA SHEET

LD PUMPED ALL-SOLID-STATE RED LASER AT 604nm

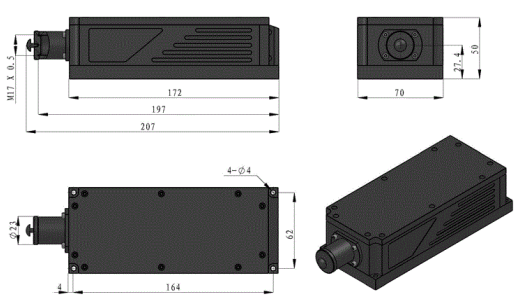
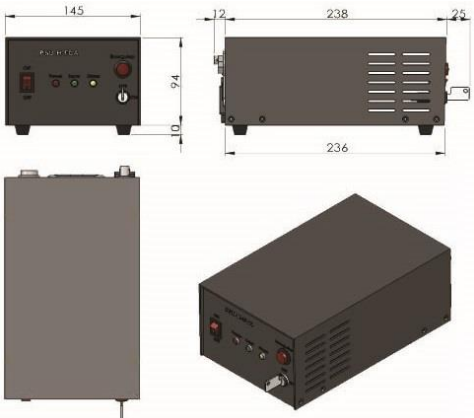
Red laser at 604nm is made features of TEM₀₀, long lifetime and easy operating, which is widely used in measurement, spectrum analysis as the substitute for He-Ne lasers.



Model: MRL-FN-604/1~100mW

Wavelength (nm)	604 ± 3nm
Output Power (mW)	>1, 10, 20, ..., 100
Transverse Mode	Near TEM ₀₀
Operating Mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<5
Beam divergence, full angle (mrad)	<1.0
Beam diameter at the aperture (mm)	~4.0
Beam height from base plate (mm)	27.4
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-FDA / PSU-H-LED, optional
Modulation option	TTL or Analog, 1Hz ~ 10KHz, optional
Expected lifetime (hours)	10,000
Warranty period	1 year

Note: The laser head needs to be used on a heat sink with good heat dissipation

MxL-FN-604	Dimensions	PSU-H-FDA	PSU-H-LED
	 207(L) × 70(W) × 50(H) mm³, 2.0kg	 275(L) × 145(W) × 104(H) mm³, 2.3kg	 277(L) × 145(W) × 106(H) mm³, 2.6 kg