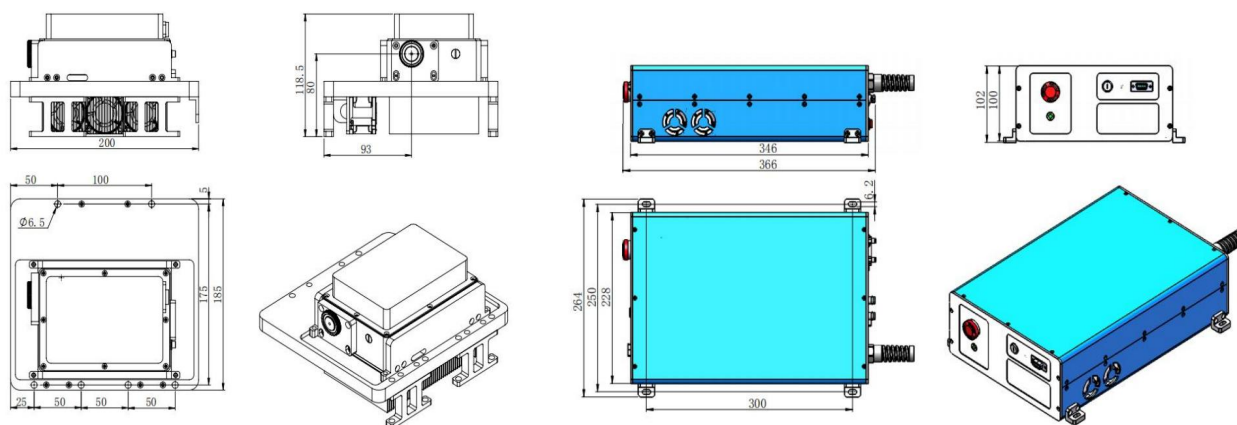


**1.5mJ 1064nm High energy diode pumped all solid state EO Q-Switched laser**

High energy diode pumped all solid state Q-switched laser at 1064 laser has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in topography measurement, marking, ranging, micro-processing, scientific research, etc...

Specifications

型号Model No.	FU-EO-1064N1.5mJ			
波长Wavelength (nm)	1064±1			
工作模式Operating mode	Q-switched: EO(Electro-optic)			
单脉冲能量Single pulse energy(mJ)	0.8mJ @1KHz	0.8mJ @5KHz	0.3mJ @20KHz	1.5mJ @3KHz
脉宽Pulse duration(ns)	<7 @1KHZ	<7 @5KHz	<8 @20KHz	<12 @3KHz
重复频率Rep. rate(Hz)	1Hz~1KHz	1K-7KHz	1K-25KHz	1K-3KHz
功率稳定性Power stability(rms)	<1%, <2%(可选)			
光束质量因子M ²	<1.5			
指向稳定性Pointing stability(urad,std)	<20			
光束发散角Beam divergence, Full Angle(mrad)	<3			
光斑大小Beam diameter(mm)	~1			
光束高度Beam height from base plate(mm)	80			
预热时间Warm-up time(minutes)	<15			
冷却方式Cooled method	Air cooled			
工作温度Operating temperature(℃)	15~30			
供电电压Power supply(DC 24V)	FU-PSU-EO-N			
使用寿命Expected Lifetime (hours)	10000			
保修期Warranty Time	1 year			
其他选项Other options	Higher energy and frequency can be customized			

200(L)×185(W)×118.5(H)mm³ 5.7kg366(L)×264(W)×102(H)mm³ 6.5kg