

EO-RS-1064/1~8mJ/ 1~120W

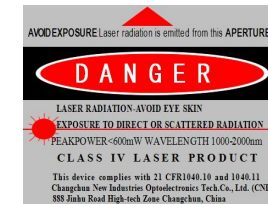
LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 1064nm

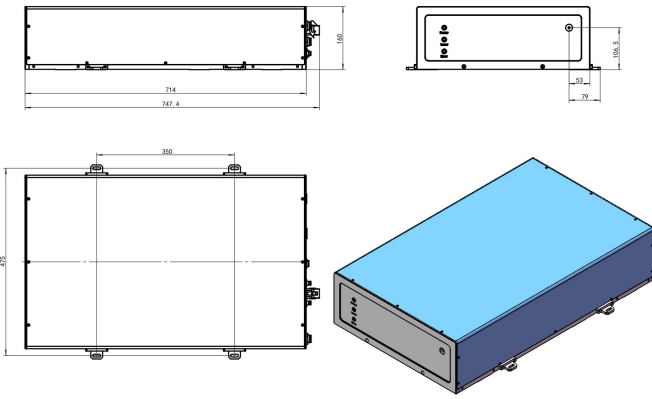
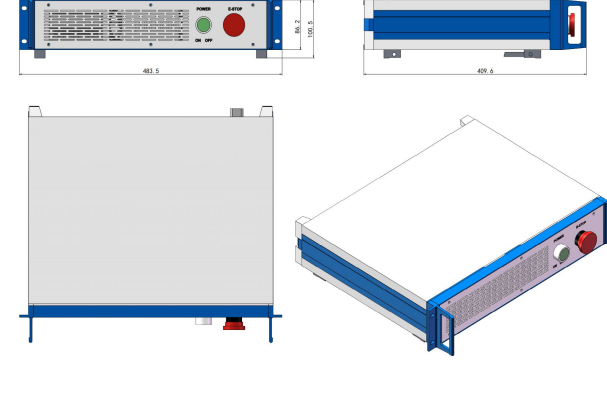
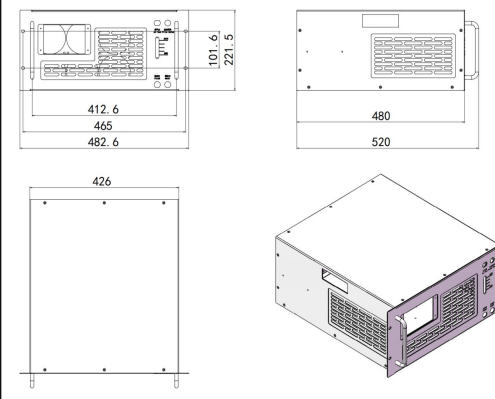
All solid state EOM Q-switched laser at 1064nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on.



SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Electro-optic Q-switched
Average power (W)	1-100W (100W@50kHz)
Single pulse energy (mJ)	1-8mJ(8mJ @10kHz)
Rep. rate (kHz)	10-100
Pulse duration (ns)	5ns @50kHz,100W.
Peak power (MW)	1.6MW @10kHz
Power stability (rms, over 4 hours)	<3%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e ² ,mm)	~2.0
Beam height from base plate (mm)	106.5
Cooled method	Water cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	On request
Expected lifetime (hours)	10000
Warranty period	1 year



EO-RS-1064	Power supply	Water Chiller
 <p>747.4(L) × 475(W) × 160(H) mm³, 48kg</p>	 <p>483.5 (L) × 409.6(W) × 100.5(H) mm³, 4.5 kg</p>	 <p>520(L) × 482.6(W) × 221.5(H) mm³, 22 kg</p>