

EO-RS-532/1~3.5mJ/ 1~45W

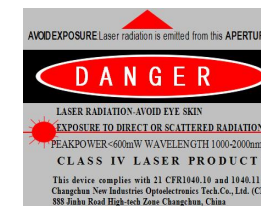
### LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 532nm

All solid state EOM Q-switched laser at 532nm 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)	532 ± 1
Operating mode	Electro-optic Q-switched
Average power (W)	1-45W (45W@50kHz)
Single pulse energy (mJ)	1-3.5mJ(3.5mJ @10kHz)
Rep. rate (kHz)	10-100
Pulse duration (ns)	4ns @50kHz,40W.
Peak power (MW)	0.8MW @10kHz
Power stability (rms, over 4 hours)	<3%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e <sup>2</sup> ,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-532	Power supply	Water Chiller
<p>747.4(L) × 475(W) × 160(H) mm<sup>3</sup>, 48kg</p>	<p>483.5 (L) × 409.6(W) × 100.5(H) mm<sup>3</sup>, 4.5 kg</p>	<p>520(L) × 482.6(W) × 221.5(H) mm<sup>3</sup>, 22 kg</p>