

EO-W-532 /1~500uJ/1~1500mW/1-3500Hz

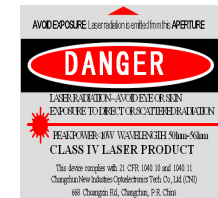
LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER

All solid state EOM Q-switched laser at 532 nm has the features of high peak power, low controllable repetition rate, and short pulse duration, which is widely used in laboratory and industrial use, such as sub-engraving and inner cover with glass, crystal and so on.



SPECIFICATIONS

Wavelength (nm)	532±1		
Operating mode	Q-switched: EOM (Electro-optic modulation)		
Output power (mW)@Q-switched mode	1-500 @ 1kHz	1-1000 @ 2kHz	1-1500 @ 3.5kHz
Single pulse energy (μJ)	1-500		
Pulse duration (ns)	~5		
Peak power (kW)	~100		
Rep. rate (Hz)	1-1000, adjustable	1-2000, adjustable	1-3500, adjustable
Ave power stability (over 4 hours)	<5%, <10%		
Warm-up time (minutes)	<10		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	93.5		
Cooled method	Air cooled		
Operating temperature (°C)	15~35		
Power supply (220/110VAC)	PSU-AOM(3U)		
Expected lifetime (hours)	10000		
Warranty period	1 year		



EO-W-532	Dimensions	PSU-AOM(3U)	Dimensions
<p>333(L) ×140(W) ×125 (H) mm³,6.5kg</p>		<p>485(L) ×381(W) ×133 (H) mm³, 9.96kg</p>	