

AO-355A 3/5W



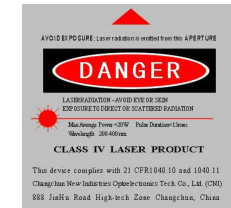
**LD PUMPED ALL-SOLID-STATE
AOM Q-SWITCHED LASER at 355NM**

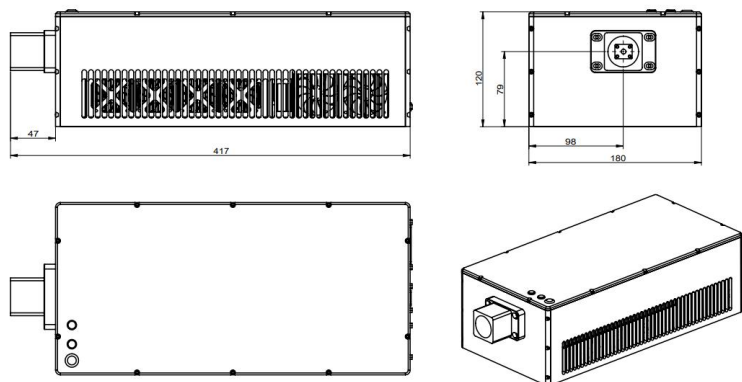
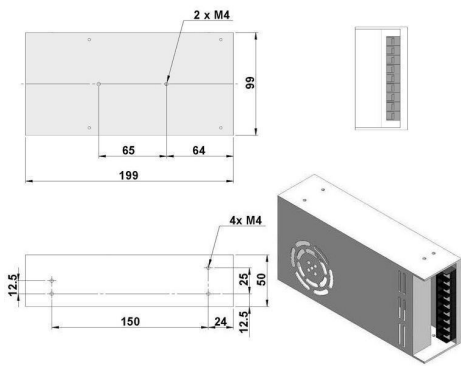
All solid state AOM Q-switched laser at 355 nm has the features of high peak power, high repetition rate, and short pulse duration, which is used in scientific research, biology, instrumentation, 3D marking, laser marking, sub-surface engraving and so on.



SPECIFICATIONS

Wavelength (nm)	355±1	
Operating mode	Acousto-Optic Q-switched	
Average power (W)	3W@30kHz	5W@30kHz
	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz)	
Single pulse energy (μJ)	>100@30kHz	>160@30kHz
Rep. rate (kHz)	20~200	
Pulse width (ns)	~12 @30kHz	~15 @30kHz
Warm-up time (minutes)	<10	
Transverse mode	TEM ₀₀	
Beam Circularity (%)	>90	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e ² , mm)	~1.5	
Beam quality (M ²)	<1.2	
Beam height from base plate (mm)	79	
Cooling method	Air Cooled	
Environment temperature (°C)	10~35	
Supply Voltage	DC 12V(≥25A)	
Dimension(mm ³)	417*180*120	
Weight(Kg)	9.5	



<p>AO-355A</p>  <p>417 (L) × 180 (W) × 120 (H) mm³, 9.5 kg</p>	<p>Power supply 100-240VAC (Optional)</p>  <p>12VDC 25A: 199 (L) × 99 (W) × 50 (H) mm³, 0.9 kg</p>
--	---