



AO-L-355 /1~100μJ/1~500mW



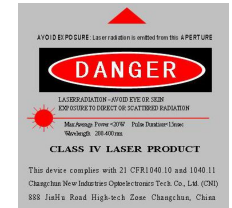
**LD PUMPED ALL-SOLID-STATE  
AOM Q-SWITCHED LASER at 355NM**

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.

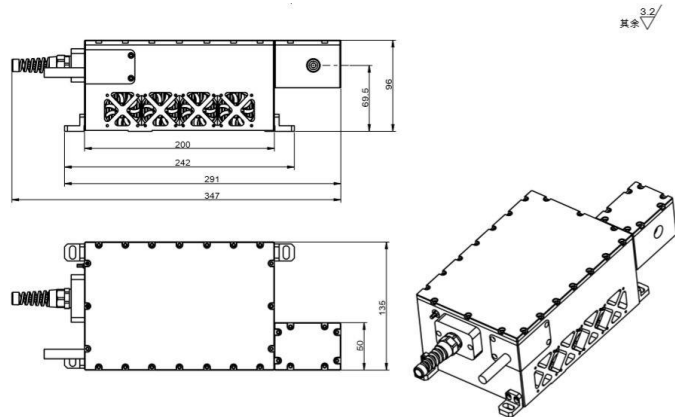


SPECIFICATIONS

Wavelength (nm)	355±1	
Operating mode	Acousto-Optic Q-switched	
Average power (W)	1~500mW (20mW@200Hz; 400mW@3KHz; 500mW@4KHz)	
Single pulse energy (μJ)	1~100μJ (100μJ @200Hz; 140μJ @3KHz; 125μJ @4KHz)	
Rep. rate (KHz)	1~10	
Pulse width (ns)	~6ns @1kHz	~9ns @10kHz
Peak power (kW)	1~16 (16kW @200Hz; 16kW @3KHz; 12kW @4KHz)	
Ave power stability	<5%, <3%	
Transverse mode	Near TEM <sub>00</sub>	
Warm-up time (minutes)	<10	
Beam divergence, full angle (mrad)	<3.0	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~1.0	
Beam height from base plate (mm)	69.5	
Cooled method	Air cooled	
Operating temperature (°C)	15~30	
Power supply (220/110VAC)	PSU-AOM(3U)	
Expected lifetime (hours)	5000	
Warranty period	1 year	

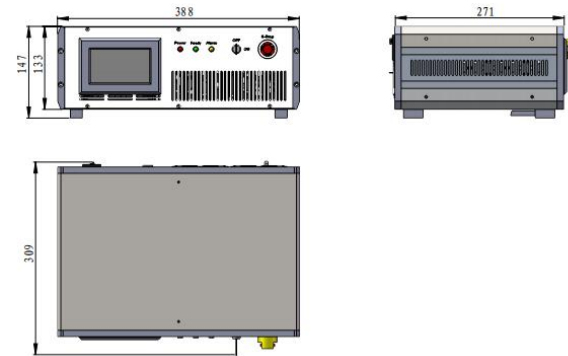


AO-L-355



347 (L) ×135 (W) ×96 (H) mm<sup>3</sup>, 4.2 kg

PSU-AOM(3U)



388 (L) ×309 (W) ×147 (H) mm<sup>3</sup>, 9.6 kg