



Your source for high quality, affordable lasers

DATA SHEET


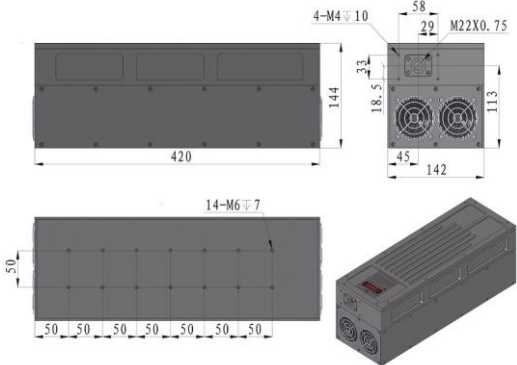
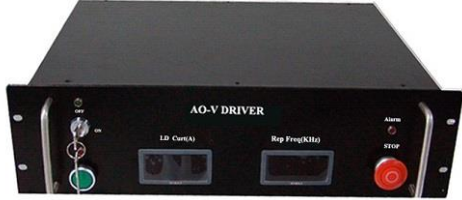
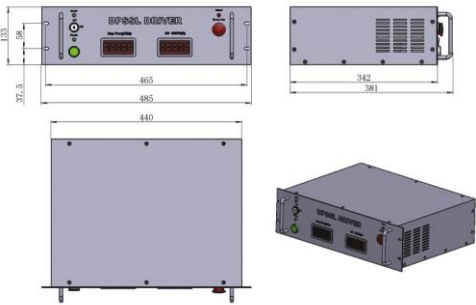
LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER AT 355nm

All solid state AOM Q-switched laser at 355nm 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.

Model: AO-V--355 / 1~150μJ/1~3W

Wavelength (nm)	355 ± 1nm	
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)	
Output power (W)	1.0, 1.5, 2.0, 2.5, 3.0W @ 20KHz	
Single pulse energy (μJ)	1~150μJ @ 20KHz	
Pulse duration (ns)	15ns @ 20KHz	30ns @ 40KHz
Rep. rate (kHz)	10~100, adjustable by external control	
Transverse mode	TEM ₀₀	
M ² factor	<1.3	
Roundness	>90%	
Warm-up time (minutes)	<10	
Beam divergence, full angle (mrad)	<1	
Beam diameter at the aperture (mm)	<1.0	
Beam height from base plate (mm)	113	
Polarization ratio and direction	>100:1; Horizontal	
Cooled method	Air cooled	
Operating temperature (°C)	20~35	
Power supply (220/110 VAC)	PSU-AOM (3U)	
Expected lifetime (hours)	5,000	
Warranty period	1 year	



AO-V-355	Dimensions	PSU-AOM (3U)	Dimensions
	 <p>420(L)×142(W) ×144(H) mm³, 10.2 kg</p>		 <p>485(L)×381(W) ×133 (H) mm³, 12.4 kg</p>