

AO-W-532 /1~300uJ/1~2W

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


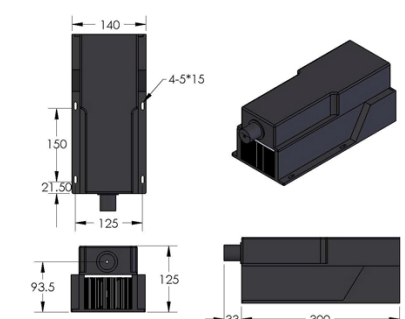

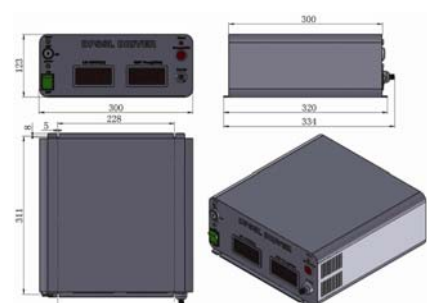
All solid state AOM Q-switched laser at 532 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on.



SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)
Single pulse energy(uJ)	1~300
Pulse duration (ns)	5~30
Peak power (kW)	10~30
Rep. rate (kHz)	1~50, 1~100, 1~200, optional
Average power (W)	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz) >65% @ 10kHz, typical
Ave power stability (over 4 hours)	<3%, <5%, <10%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~4.0
Beam height from base plate (mm)	93.5
Cooled method	Air cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-AOM
Expected lifetime (hours)	10000
Warranty period	1 year



AO-W-532	Dimensions	PSU-AOM	Dimensions
 <p>333(L)×140(W)×125(H) mm³, 6.0 kg</p>	 <p>140, 150, 21.50, 125, 4-5*15, 93.5, 125, 33, 300</p>	 <p>DPSSL DRIVER</p> <p>334(L)×300(W)×123(H) mm³, 6.88 kg</p>	 <p>300, 123, 300, 728, 300, 334, 311, 334</p>