

AO-V-1047/1-3W

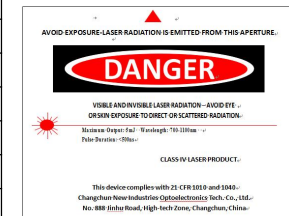
LD PUMPED ALL-SOLID-STATE AOM Q-SWITCHED LASER AT 1047 nm

Precisometer's All solid state AOM Q-switched laser at 1047 nm has the features of high peak power, and short pulse duration, which is widely used in marking, carving, measure, research and so on.

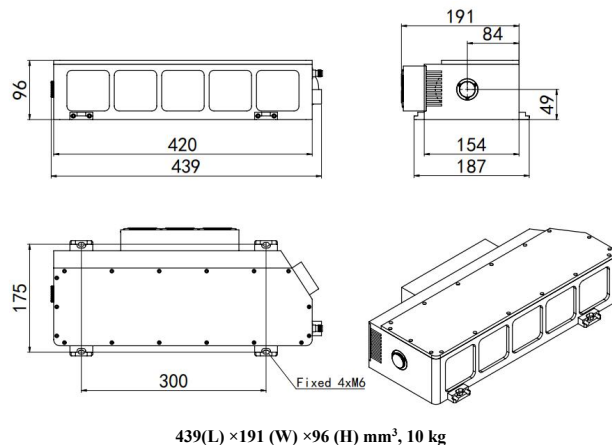


SPECIFICATIONS

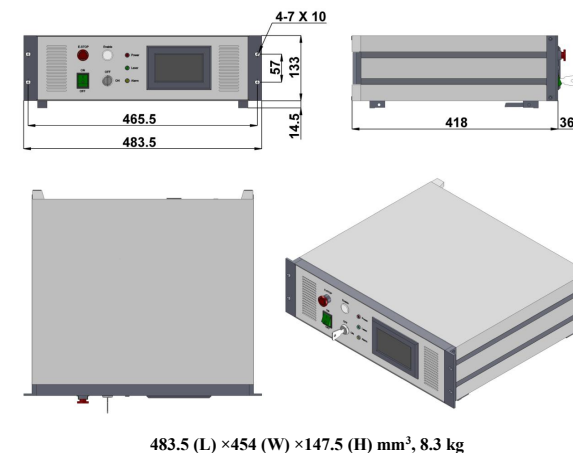
Wavelength (nm)	1047±1
Operating mode	Actively
Average power (W) ¹	1-3@3kHz
Single pulse energy (μJ)	1-2000
Rep. rate (kHz)	1-10
Pulse duration (ns)	~10 @3kHz
Peak power (kW)	1-250
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e ² ,mm)	~2.0
Beam height from base plate (mm)	49
Cooled method	Air cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-AOM (3U)
Expected lifetime (hours)	>10000



LASER HEAD



POWER SUPPLY



1 One fixed value between 1-3W.