AO-V-349/1-800mW

LD PUMPED ALL-SOLID-STATE AOM Q-SWITCHED UV LASER AT 349 nm

CNI's All solid state AOM Q-switched UV laser at 349 nm has the features of high peak power, and short pulse duration, which is widely used in marking, carving, measure, research and so on.

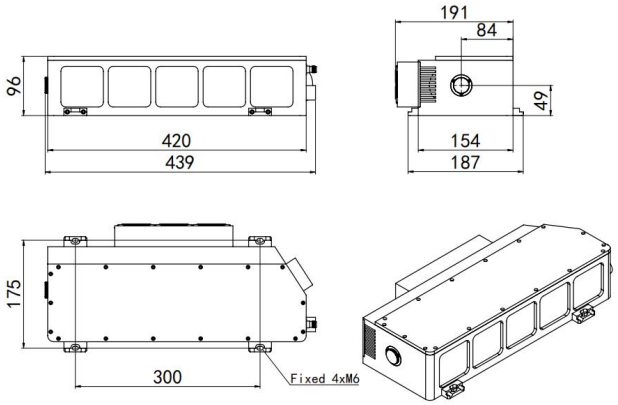
SPECIFICATIONS

Wavelength (nm)	349±1
Operating mode	Actively
Average power (mW) [1]	1-800@3kHz
Single pulse energy (μJ)	1-267@3kHz
Rep. rate (kHz)	3-10
Pulse duration (ns)	~10 @3kHz.
Peak power (kW)	1-6.7
Ave power stability (rms, 4 hours±3℃)	<5%, <3%
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (1/e^2,mm)	~2.0
Warm-up time(minutes)	<10
Beam height from base plate (mm)	49
Cooled method	Air cooled
Operating temperature (℃)	10-35
Power supply (100-240VAC)	PSU-AOM (3U)
Expected lifetime (hours)	>10000



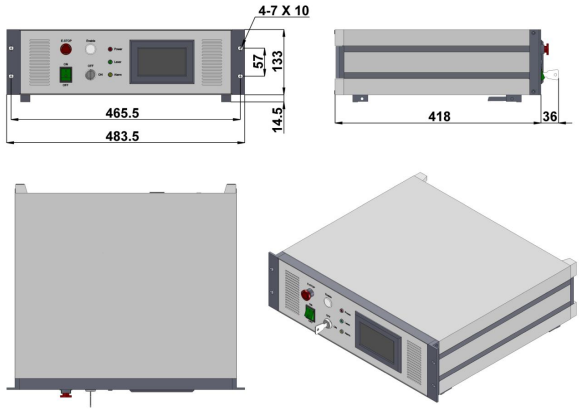


LASER HEAD



439(L) ×191 (W) ×96 (H) mm^3, 10 kg

POWER SUPPLY



483.5 (L) ×454 (W) ×147.5 (H) mm^3, 8.3 kg

1 One fixed value between 1-800mW.