

AO-V-3800/1~500mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

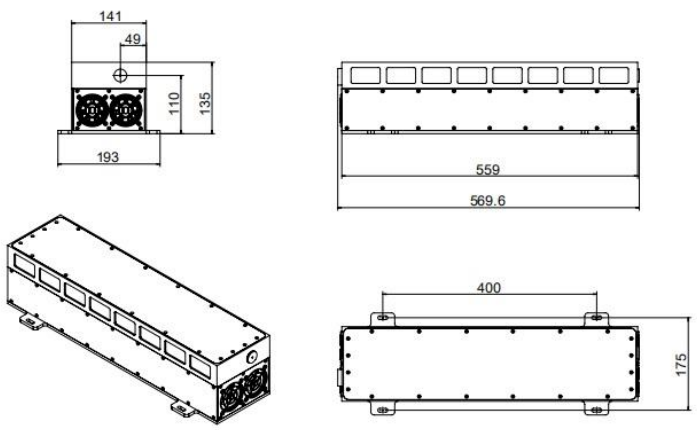
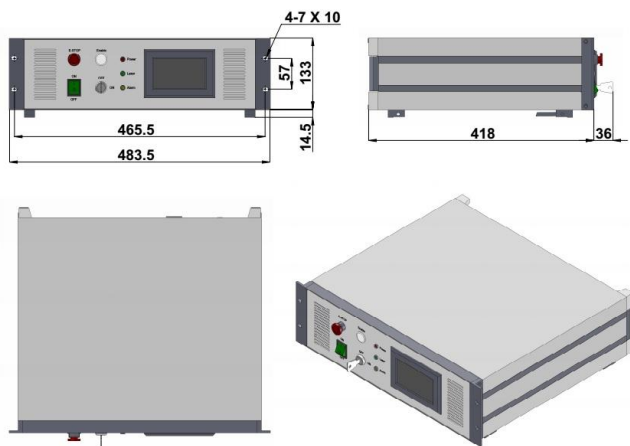
All CNI's Q-switched DPSS laser at 3800nm have high peak power, high repetition rate, and short pulse duration, it is widely used in medical treatment, scientific research and so on.



SPECIFICATIONS

Wavelength (nm)	3800±30
Operating mode	Acousto-Optic Q-switched
Max average power (mW)	>1, 10, 30, ...,500
Power stability (over 4 hours)	<5%
Pulse duration (ns)	~22@30kHz&500mW
Rep. rate (kHz)	30
Single pulse energy (μJ)	16.7
Beam divergence, full angle (mrad)	<5
Beam diameter at the aperture (1/e ² ,mm)	~11,
Beam height from base plate (mm)	110
Warm-up time (minutes)	<10
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year



AO-V-3800	PSU-AOM(3U)
 <p>570(L)×193(W) ×135(H) mm³, 18 kg</p>	 <p>483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg</p>