

AO-V-2600~4400/1~500mW

LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

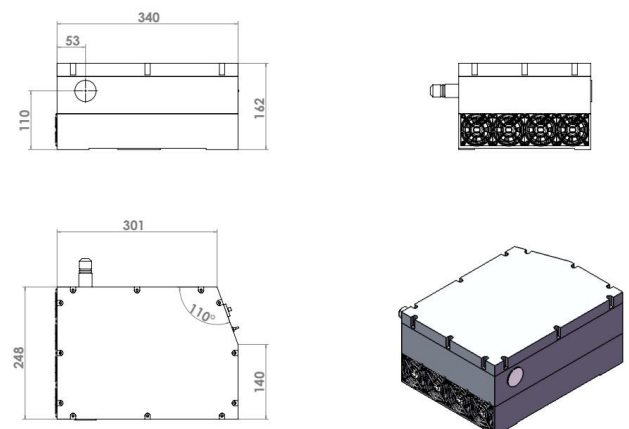
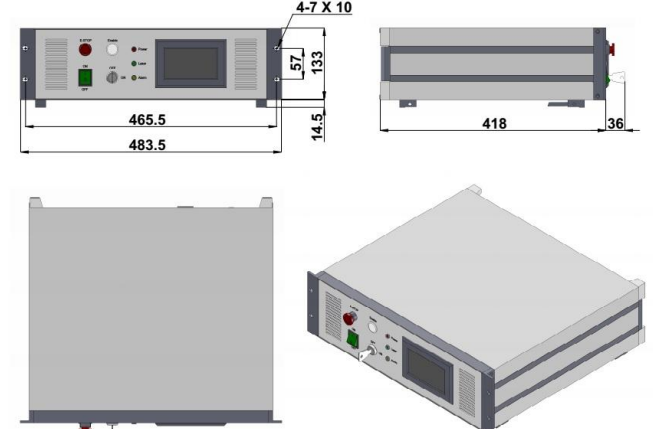
All CNI's Q-switched DPSS laser at 2600nm~4400nm have high peak power, high repetition rate, and short pulse duration, it is widely used in medical treatment, scientific research and so on.



SPECIFICATIONS

Wavelength (nm)	2600	2800	3000	3200	3400	3600	4000	4200	4400
Operating mode	Acousto-Optic Q-switched								
Max average power (mW)	1~500						1~400		
Pulse duration (ns)	~22@30kHz&500mW								
Rep. rate (kHz)	30								
Single pulse energy (μJ)	16.7								
Peak power (W)	750@30kHz&500mW						606@30kHz&400mW		
Beam divergence, full angle (mrad)	<5								
Beam diameter at the aperture (1/e ² ,mm)	~11								
Power stability (over 4 hours)	<5%								
Beam height from base plate (mm)	110								
Warm-up time (minutes)	<10								
Operating temperature (°C)	15~30								
Power supply (90-264VAC)	PSU-AOM(3U)								
Expected lifetime (hours)	10000								
Warranty period	1 year								



AO-V-2600~4400	PSU-AOM(3U)
 <p>340(L) x 248(W) x 162(H) mm³, 18 kg</p>	 <p>483.5 (L) x 454 (W) x 147.5 (H) mm³, 8.3 kg</p>