



AO-V-3000~4800/1~500mW

**LD PUMPED ALL-SOLID-STATE Q-SWITCHED LASER**

All CNI's Q-switched DPSS laser at 3000nm~4800nm have high peak power, high repetition rate, and short pulse duration, it is widely used in national defense, medical treatment, scientific research and so on.



SPECIFICATIONS

Wavelength (nm)	3000	3200	3400	3600	4000	4200	4400	4600	4800
Operating mode	Acousto-Optics Q-switched								
Max average power (mW)	>1, 10, 30, ...,500				>1, 10, 30, ...,400				
Power stability (over 4 hours)	<5%								
Pulse duration (ns)	~22								
Rep. rate (kHz)	30								
Beam divergence, full angle (mrad)	<5								
Beam diameter at the aperture (1/e <sup>2</sup> ,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								
Expected lifetime (hours)	10000								
Warranty period	1 year								



AO-V-3000~4800	PSU-AOM
<p><b>340(L)×248(W)×162(H) mm<sup>3</sup>, 18 kg</b></p>	<p><b>418(L)×484(W)×133(H) mm<sup>3</sup>, 8.5kg</b></p>