



PS-A-1064/ 1W/ 2.5W/ 10W

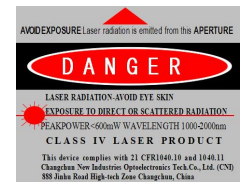
MODE-LOCKED PICOSECOND PULSED LASER AT 1064nm

Mode-locked picosecond pulsed laser at 1064nm is made features of short pulse duration, high repetition rate and high average power, which is used industrial processing, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	1064±1		
Operating mode	Mode-locked		
Average power (W)	1W (1W @1kHz)	2.5W (2.5W @1kHz)	10W (10W @1kHz)
Single pulse energy (mJ)	1mJ (1mJ @1kHz)	2.5mJ (2.5mJ @1kHz)	10mJ (10mJ @1kHz)
Rep. rate (kHz)	1		
Pulse duration (ps)	10ps/ 50ps @1kHz, 1W	50ps @1kHz, 2.5W	50ps @1kHz, 10W
Peak power (MW)	100mW/ 20mW @1kHz	50MW @1kHz	200MW @1kHz
Power stability (rms, over 4 hours)	<3%, <5%		
Beam divergence, full angle (mrad)	<1.0	<1.0	<1.0
Beam diameter at the aperture (1/e ² ,mm)	~2.0	~2.0	~4.0
Beam height from base plate (mm)	105	105	/
Cooled method	Water cooled		
Operating temperature (°C)	15~35		
Power supply (220/110VAC)	On request		
Expected lifetime (hours)	10000		
Warranty period	1 year		



PS-A-1064-1mJ/ 2.5mJ	Power supply-1mJ/ 2.5mJ	Water Chiller-1mJ/ 2.5mJ
<p>727(L) × 495(W) × 155.5(H) mm³, 57 kg</p>	<p>483.5 (L) × 409.6(W) × 100.5(H) mm³, 4.5 kg</p>	<p>520(L) × 482.6(W) × 221.5(H) mm³, 22 kg</p>