

PS-Seed-1064/1~300mW

SPECIFICATIONS


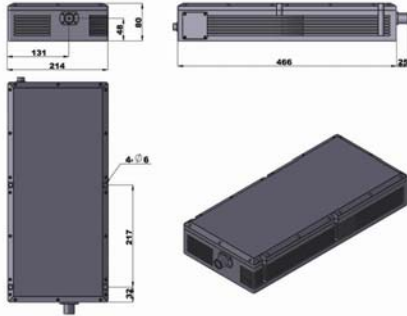

PS pulsed 1064nm laser

Picosecond pulsed laser at 1064 nm with SESAM technique is made features of pulse width less than 20 ps picosecond, compact design and long lifetime, which is widely used in laser seed source, nonlinear optics, spectrum analysis, the photonic crystal micro processing, optical film micro processing



Wavelength (nm)	1064±1nm	
Operating mode	Mode-locked	
Output power	@Mode-locked mode	1~300mW
Transverse mode	TEM ₀₀	
Pulse duration (ps)	10~20	
Rep. rate (MHz)	80	
Ave power stability (over 4 hours)	<1%	
Warm-up time (minutes)	<10	
M ² factor	1.2	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (mm)	~2	
Beam height from base plate (mm)	48	
Polarization ratio	>100:1	
Operating temperature (°C)	10~30	
Power supply (90-264VAC)	PSU-H-LED	



PS-Seed-1064	Dimension	PSU-H-LED	Dimension
 <p>491(L) × 214(W) × 80(H) mm³</p>		 <p>270 (L) × 150(W) × 106 (H) mm³, 2.6 kg</p>	