

**PS-Seed-1064/1~300mW**

**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



**SPECIFICATIONS**

Wavelength (nm)	1064 ±1	
Operating mode	Mode-locked	
Output power (mW)	@Mode-locked mode	>1, 2, 3, ... , 300
Ave power stability (over 4 hours)	<1%, <2%, <3%	
Transverse mode	TEM <sub>00</sub>	
Pulse duration (ps)	10~20	
Rep. rate (MHz)	80 ±1	
Polarization ratio	>100:1	
M <sup>2</sup> factor	1.2	
Beam divergence, full angle (mrad)	<2.0	
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~2	
Beam height from base plate (mm)	48	
Warm-up time (minutes)	<10	
Operating temperature (°C)	10~30	
Power supply (90-264VAC)	PSU-Z-LED	
Expected lifetime (hours)	10000	
Warranty period	1 year	



PS-Seed-1064	PSU-Z-LED
<p data-bbox="555 1417 833 1439">491(L) × 214(W) × 80(H) mm<sup>3</sup>, 14kg</p>	<p data-bbox="1391 1417 1668 1439">320(L) × 300(W) × 123(H) mm<sup>3</sup>, 6.2 kg</p>