



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 ₀₀ |
| Pulse duration (ps) | 10~20 |
| Rep. rate (MHz) | 80±1 |
| Polarization ratio | >100:1 |
| M ² factor | 1.2 |
| Beam divergence, full angle (mrad) | <2.0 |
| Beam diameter at the aperture (1/e ² ,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>491(L) × 214(W) × 80(H) mm³, 14kg</p> | <p>320(L) × 300(W) × 123(H) mm³, 6.2 kg</p> |