

PS-RL-1064/1~100 μJ /1~1000mW

## 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
Output power (mW)	1~1000 @10kHz
Single pulse energy (μJ)	1~100
Rep. rate (kHz)	1~10
Pulse duration (ps)	~15 @10kHz&1000mW
Peak power (MW)	1~6.7 @10kHz
Ave power stability (over 4 hours)	<3%, <5%
Beam divergence, full angle (mrad)	<3.0
Beam diameter at the aperture (mm)	~2.0
Beam height from base plate (mm)	80.5
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-AOM(3U)
Expected lifetime (hours)	10000
Warranty period	1 year



PS-RL-1064	PSU-AOM(3U)	Water Chiller(WCH1600)
<p>790(L)×325(W)×126(H)mm<sup>3</sup>, 50kg</p>	<p>483.5 (L) ×454 (W) ×147.5 (H) mm<sup>3</sup>, 8.3 kg</p>	<p>435 (L) ×560(W) ×760(H) mm<sup>3</sup>, 60kg</p>