

PS-HR-1064 /1~10W

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
Output power (W)	1~10 @500kHz
Rep. rate (kHz)	100~1000
Pulse duration (ps)	~15@500kHz&10W
Ave power stability (over 4 hours)	<3%, <5%
Beam divergence, full angle (mrad)	<3.0
Beam diameter at the aperture (1/e ² ,mm)	~2.0
Beam height from base plate (mm)	80
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-HR-1064	PSU-AOM(3U)	Water Chiller(WCH1600)
<p>855(L)×470(W)×127(H)mm³, 50kg</p>	<p>483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg</p>	<p>435 (L) ×560(W) ×760(H) mm³, 60kg</p>