

PS-A-1064/100-2500mW

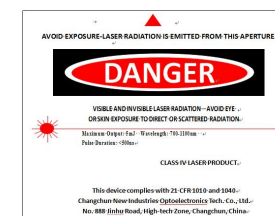
MODE-LOCKED PICOSECOND PULSED LASER AT 1064nm

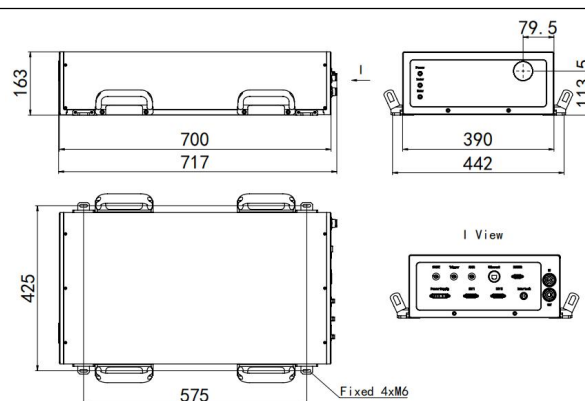
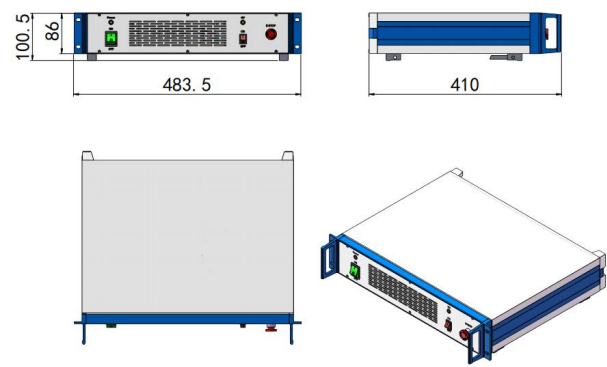
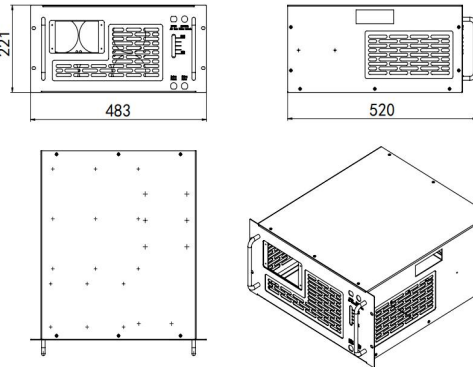
Mode-locked picosecond pulsed laser at 1064nm is made features of short pulse duration, high repetition rate and high average power, which is used industrial processing, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	1064±1	
Operating mode	Passively	
Average power (mW) ¹	100-1000	1000-2500
Single pulse energy (mJ)	0.1-1	1-2.5
Rep. rate (kHz)	1	
Pulse duration (ps) ²	10ps/ 50ps	50ps
Peak power (MW)	100/ 20	50
Power stability (rms, 4 hours±3°C)	<5%, <3%	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e ² ,mm)	~2.0	
M ²	<1.2	
Beam height from base plate (mm)	113.5	
Cooled method	Water cooled	
Operating temperature (°C)	15-35	
Power supply (100-240VAC)	RADIPS	
Expected lifetime (hours)	>10000	



LASER HEAD	POWER SUPPLY	WATER CHILLER
 717(L) × 442(W) × 163(H) mm³, 57 kg	 483.5 (L) × 410(W) × 100.5(H) mm³, 4.5 kg	 520(L) × 483(W) × 221(H) mm³, 22kg

1 One fixed value between 100-2500mW.

2 The pulse width is optional.