

PS-A-532/100-1000mW

MODE-LOCKED PICOSECOND PULSED LASER AT 532nm

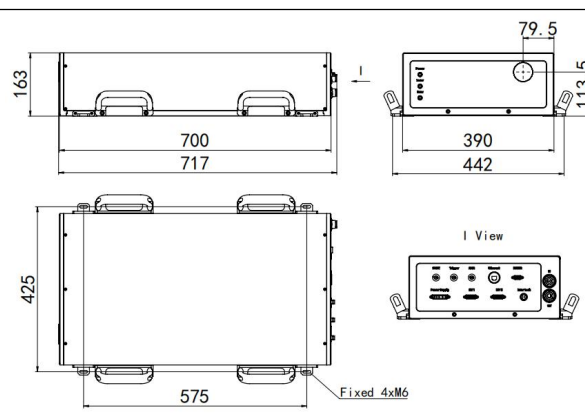
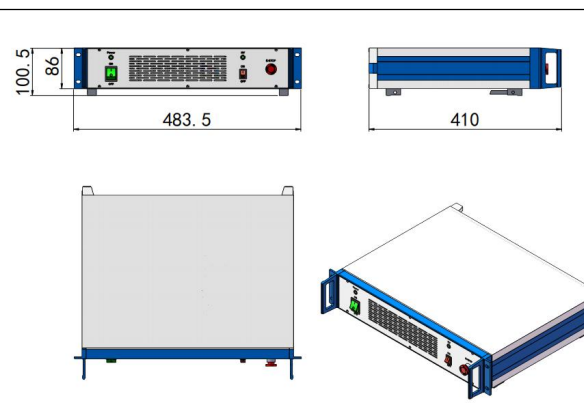
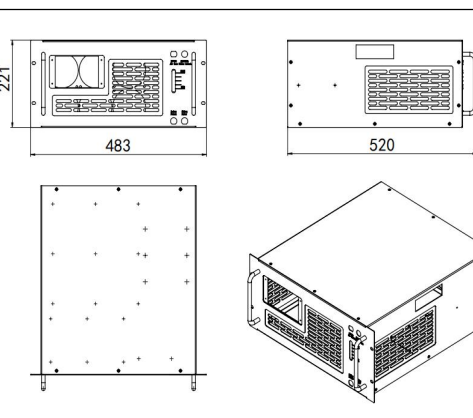
Mode-locked picosecond pulsed laser at 532nm is made features of short pulse duration, high repetition rate and high average power, which is used industrial processing, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Passively
Average power (mW) ¹	100-1000
Single pulse energy (mJ)	0.1-1
Rep. rate (kHz)	1
Pulse duration (ps) ²	10/50
Peak power (MW)	100/20
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)	RAD1PS
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 100-1000mW.

2 The pulse width is optional.