

PS-A-532/ 1W/ 3W

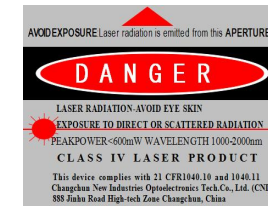
MODE-LOCKED PICOSECOND PULSED LASER AT 532nm

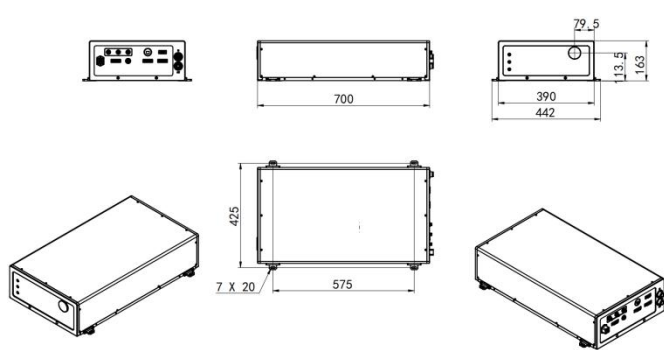
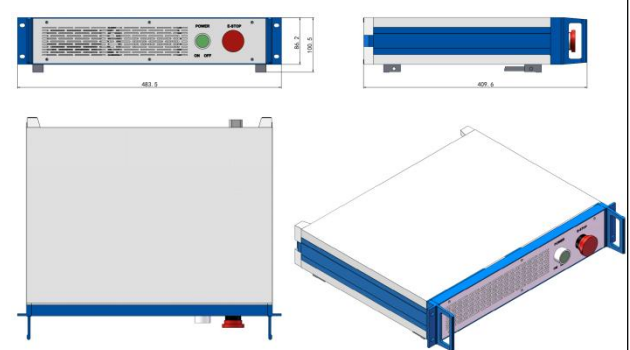
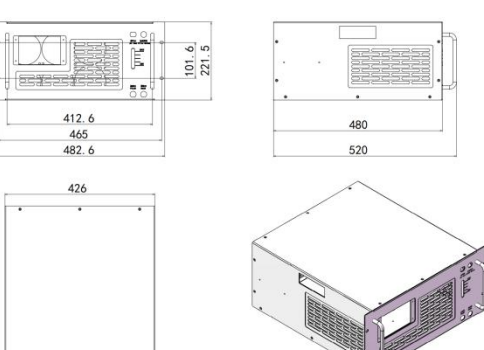
Mode-locked picosecond pulsed laser at 532nm is made features of short pulse duration, high repetition rate and high average power, which is used industrial processing, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	Mode-locked	
Average power (W)	1W (1W @1kHz)	3W (3W @1kHz)
Single pulse energy (mJ)	1mJ (1mJ @1kHz)	3mJ (3mJ @1kHz)
Rep. rate (kHz)	1	
Pulse duration (ps)	10ps/ 50ps @1kHz @1W	50ps @1kHz @3W
Peak power (MW)	100MW/ 20MW @1kHz	60MW @1kHz
Power stability (rms, over 4 hours)	<3%, <5%	
Beam divergence, full angle (mrad)	<1.0	<1.0
Beam diameter at the aperture (1/e ² ,mm)	~2.0	~4.0
Beam height from base plate (mm)	113.5	
Cooled method	Water cooled	
Operating temperature (°C)	15~35	
Power supply (220/110VAC)	On request	
Expected lifetime (hours)	10000	
Warranty period	1 year	



PS-A-532-1mJ	Power supply	Water Chiller
 <p>700(L) × 442(W) × 163(H) mm³, 57 kg</p>	 <p>483.5 (L) × 409.6(W) × 100.5(H) mm³, 4.5 kg</p>	 <p>520(L) × 482.6(W) × 221.5(H) mm³, 22 kg</p>