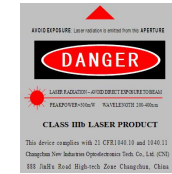




MxL-A-xxx series

LD PUMPED ALL-SOLID-STATE LASER

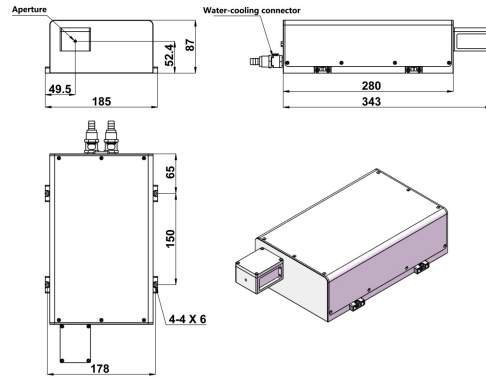
All solid state laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.



SPECIFICATIONS

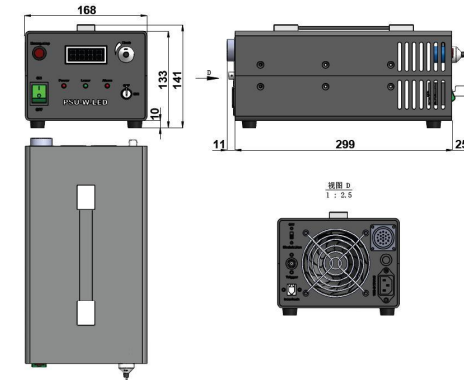
Part number	MGL-A-536
Wavelength (nm)	536±1
Operating mode	CW
Output power (mW)	500-4000
Power stability (rms, over 4 hours)	<5%, <3%
Transverse mode	TEM ₀₀
M ² factor	<1.5
Beam diameter at the aperture (1/e ² , mm)	<1.2
Beam divergence, full angle (mrad)	<1.5
Polarization Ratio	>100:1 Horizontal (Vertical Optional)
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Cooled method (Water cooled)	WCH-580
Beam height from base plate (mm)	52.4
Operating Temperature (°C)	10-35
Modulation optional	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation optional
Power supply (90-264VAC)	PSU-W-LED/PSU-W-FDA
Warranty	1 year

LASER HEAD



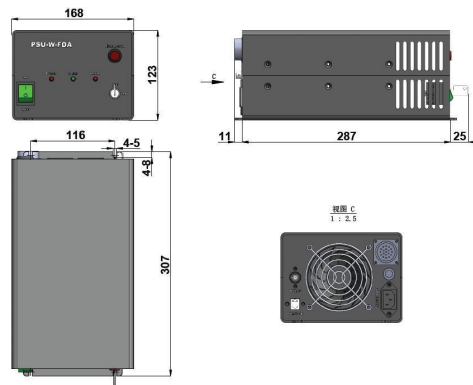
343(L)×185(W)×87(H) mm³, 7.5 kg

POWER SUPPLY (PSU-W-LED)



335 (L) ×168(W) ×141 (H) mm³, 4.2 kg

POWER SUPPLY (PSU-W-FDA)



323(L) ×168(W) ×123(H) mm³, 4.1 kg

Water Chiller (WCH-580)



253.2(L) ×363.8(W) ×240.6(H) mm³, 11.0 kg