



MBL-U-xxx-SF series

DPSS LASER

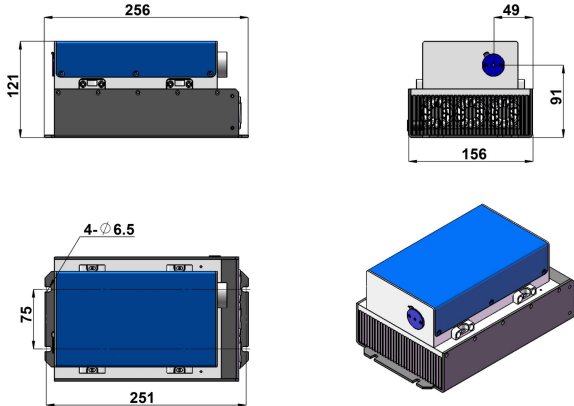
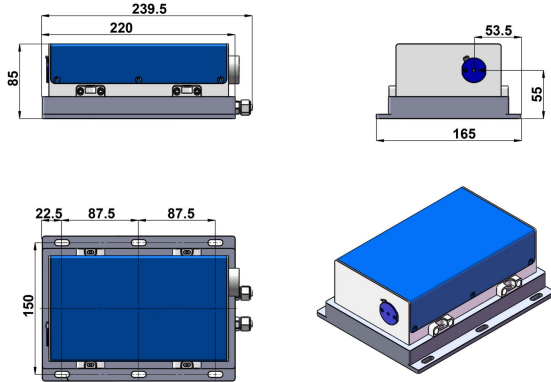
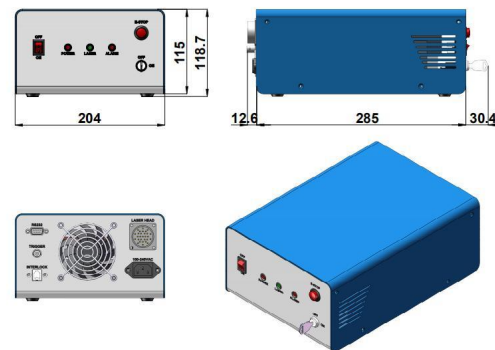
All solid-state CW mode laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	425±3	430±2	434±1	484±1	488±1	491±1	496±1
Operating mode	CW						
Output power (mW)	1-10	1-30	1-10	1-20	1-300	2-400	1-100
Power stability (rms, over 4 hours)	<5%, <3%						
Transverse mode	Near TEM ₀₀						
Beam diameter at the aperture (1/e ² , mm)	<3.0						
Beam divergence (mrad)	<3.0						
Polarization Ratio	>100:1			/	>100:1		
Cooled method	Fan Cooled/ Water Cooled						
Warm-up time (minutes)	<10						
Beam height from base plate (mm)	91@Fan Cooled/ 55@Water Cooled						
Operating Temperature (°C)	15-30						
Power supply (90-264VAC)	PSU-SF						
Expected lifetime (hours)	10000						
Warranty	1 year						



LASER HEAD (Fan Cooled)	LASER HEAD (Water Cooled)
 256(L)×156(W)×121(H) mm³	 239.5(L)×165(W)×85(H) mm³
POWER SUPPLY (PSU-SF)	WATER CHILLER
 328 (L) ×204(W) ×118.7(H) mm³	 345 (L) ×248 (W) ×215(H) mm³, 10.5 kg