



MGL-U-xxx-SF series

DPSS LASER

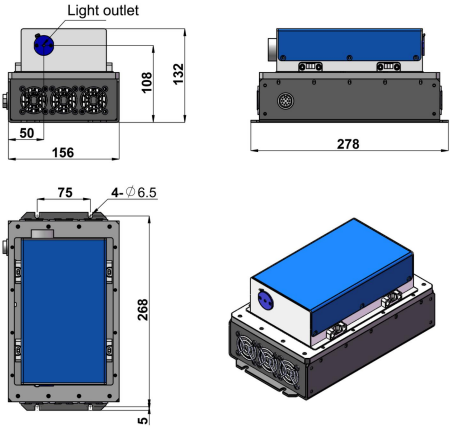
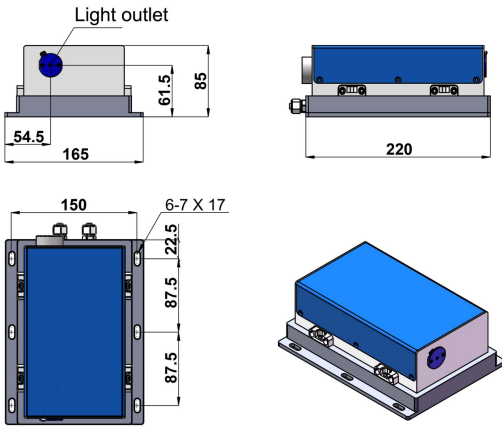
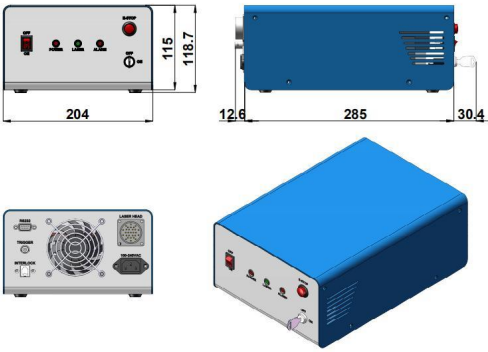
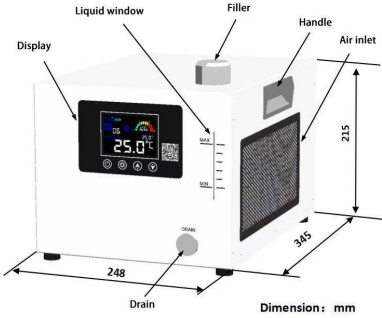
All solid-state CW mode laser is made features of ultra compact, easy operating, high power and stability, which is perfect for flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instrument, , physics experiment, etc.



SPECIFICATIONS

Wavelength (nm)	501±1	505±1	565±1	571±1	582±2	585±1	594±1	597±1
Operating mode	CW							
Output power (mW) ¹	1-200	1-200	1-200	1-200	1-100	1-100	100-1500	1-120
Power stability (rms, 4 hours±3°C)	<3%, <2%, (<1% optional@Water Cooled)						<3%, <2%, <1%	<3%, <2%, (<1% optional@Water Cooled)
Transverse mode	TEM ₀₀							
M ²	~3.0							
Beam diameter at the aperture (1/e ² , mm)	~3.0							
Beam divergence (mrad)	<3.0							
Cooled method	Air Cooled/ Water Cooled							
Warm-up time (minutes)	<10							
Beam height from base plate (mm)	108@Air Cooled/ 61.5@Water Cooled							
Power supply (100-240VAC)	PSU-SF							
Expected lifetime (hours)	>10000							

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LASER HEAD (Air Cooled) ²	LASER HEAD (Water Cooled)
 278(L)×156(W)×132(H) mm³, 7kg	 220(L)×165(W)×85(H) mm³, 6kg
POWER SUPPLY ³	WATER CHILLER (WCH-580)
 328 (L) ×204(W) ×118.7(H) mm³, 3.4kg	 345 (L) ×248 (W) ×215(H) mm³, 10.5 kg

1 Any power level can be selected in this range.

2 The laser head needs to be used on a heat sink with good heat dissipation.

3 Fixed output power; RS232 control optional.

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