

UV-B-355/ 100-1000mW



LD PUMPED ALL-SOLID-STATE LASER

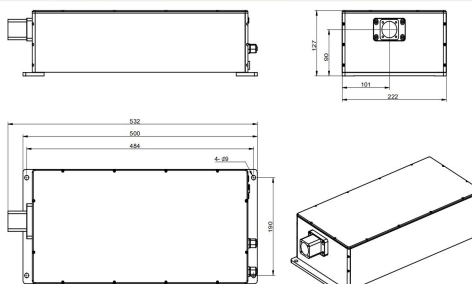
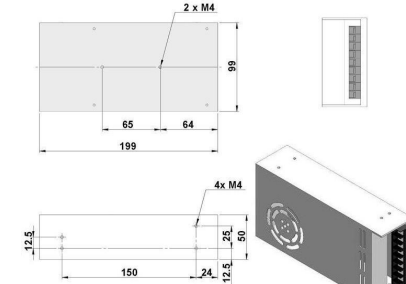
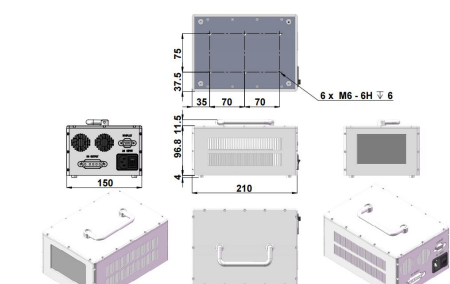
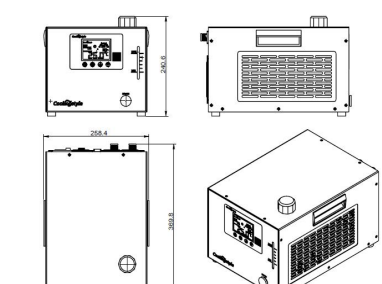
All solid - state CW mode UV laser is made with features of ultra - compactness, easy operation, high power and stability. It is perfect for applications such as flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instruments, physics experiments, etc.



SPECIFICATIONS

Wavelength (nm)	355±1	
Operating mode	CW	
Output power (mW) ¹	100-500	500-1000
Power stability (rms, 4 hours ± 3°C)	<3%, <2%, <1%	
Transverse mode	TEM ₀₀	
Beam diameter at the aperture (1/e ² , mm)	<2.0	
Beam divergence, full angle (mrad)	<5	
M ²	<1.1	<1.2
Polarization ratio	>100:1 Horizontal	
Beam height from base plate (mm)	90	
Warm-up time (minutes)	<10	
Cooled method	Water cooled	
Operating Temperature (°C)	10-35	
Operating voltage (VDC)	24V/13A	
Expected lifetime (hours)	>10000	



LASER HEAD (Driver Integrated)	POWER SUPPLY PSU-24 (100-240VAC) optional	POWER SUPPLY PSU-24-C ² (100-240VAC) optional	WATER CHILLER (WCH-580)
 532(L)×222(W)×127(H) mm ³ , 18 kg	 199 (L) ×99 (W) ×50 (H) mm ³ , 0.9 kg	 210 (L) ×150 (W) ×112.3 (H) mm ³ , 2.75 kg	 369.8 (L) ×258.4(W) ×240.6 (H) mm ³ , 10.5 kg

1 Any power level can be selected in this range.

2 Parameters can be adjusted.(on/off, etc.)

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068