

UV-B-355/ 100-1000mW



LD PUMPED ALL-SOLID-STATE LASER

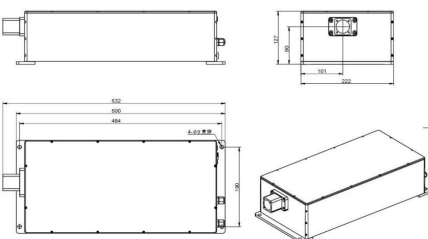
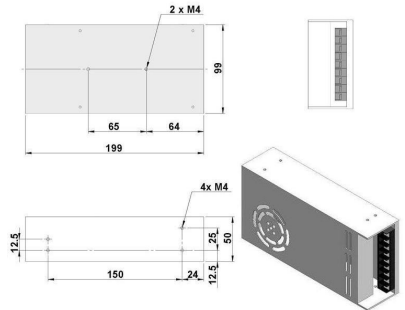
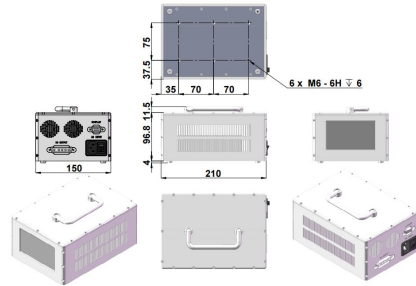

All solid - state CW mode UV laser is made with features of ultra - compactness, easy operation, high power and stability. It is perfect for applications such as flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instruments, physics experiments, etc.



SPECIFICATIONS

Wavelength (nm)	355±1	
Operating mode	CW	
Output power (mW)	100-500	500-1000
Power stability (rms, over 4 hours)	<5%, <3%, <2%	
Transverse mode	TEM ₀₀	
Beam diameter at the aperture (1/e ² , mm)	<2.0	
Beam divergence, full angle (mrad)	<5	
Beam quality (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	
Supply Voltage	DC 24V/ 13A (PSU-24/ PSU-24-C optional)	



UV-B-355 <i>Integrated electronics</i>	PSU-24 ^① (Power supply 100-240VAC)	PSU-24-C ^② (Power supply 100-240VAC)	Water Chiller (WCH-580)
 <p style="text-align: center;">532(L)×222(W) ×127(H) mm³, 18 kg</p>	 <p style="text-align: center;">DC24V 13A; 199 (L) ×99 (W) ×50 (H) mm³, 0.9 kg</p>	 <p style="text-align: center;">210 (L) ×150 (W) ×112.3 (H) mm³, 2.75 kg</p>	 <p style="text-align: center;">369.8 (L) ×258.4(W) ×240.6 (H) mm³, 10.5 kg</p>

Note:

① Adaptor for 24V/13A.

② Adaptor for 24V/13A, and power control function is included.