

UV-C-355/1W-2W

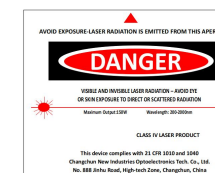
LD PUMPED ALL-SOLID-STATE LASER

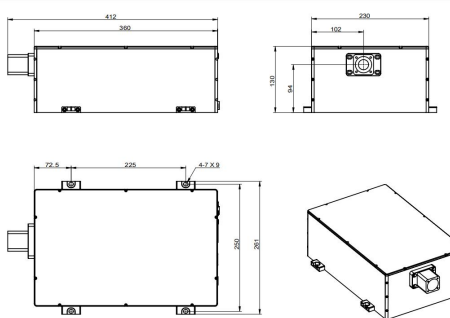
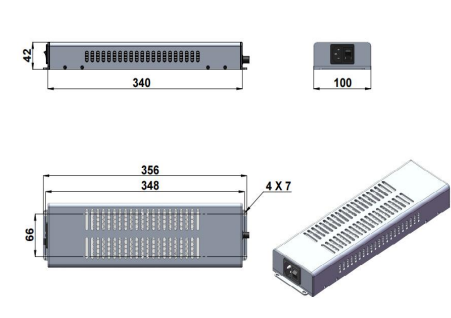
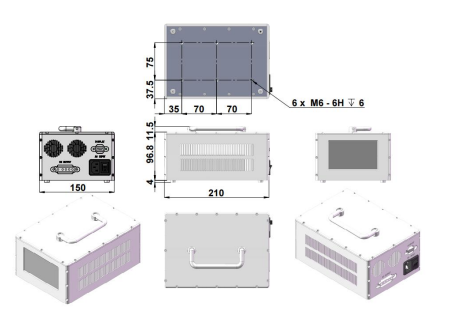
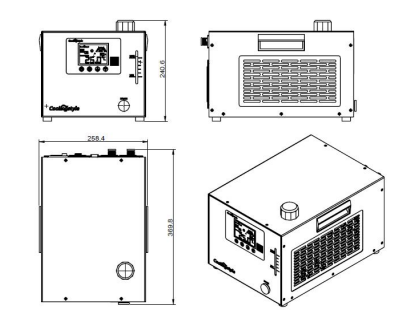
All solid - state CW mode UV laser is made with features of ultra - compactness, easy operation, high power and stability. It is perfect for applications such as flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instruments, physics experiments, etc.



SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	CW
Output power (W) ¹	1-2
Power stability (rms, 4 hours ± 3°C)	<2%, <1%
Transverse mode	TEM ₀₀
Beam diameter at the aperture (1/e ² , mm)	<2.0
Beam divergence, full angle (mrad)	<4
M ²	<1.3
Polarization ratio	>100:1 Horizontal
Warm-up time (minutes)	<10
Beam height from base plate (mm)	94
Cooled method	Water cooled
Operating Temperature (°C)	10-35
Operating voltage (VDC)	36V/13.9A
Expected lifetime (hours)	>10000



LASER HEAD (DRIVER Integrated)	POWER SUPPLY PSU-36 (100-240VAC) optional	POWER SUPPLY PSU-36-C ² (100-240VAC) optional	WATER CHILLER (WCH-580)
 412(L)×261(W)×130(H) mm³, 18 kg	 356 (L) × 100 (W) × 42 (H) mm³, 2.2kg	 210 (L) × 150 (W) × 112.3 (H) mm³, 2.75 kg	 369.8 (L) × 258.4(W) × 240.6 (H) mm³, 10.5 kg

1 Any power level can be selected in this range.

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

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