

UV-D-355/2W-5W



LD PUMPED ALL-SOLID-STATE LASER

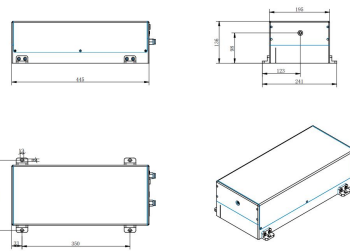
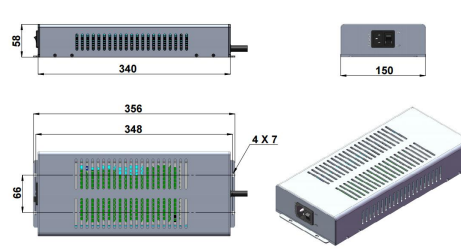
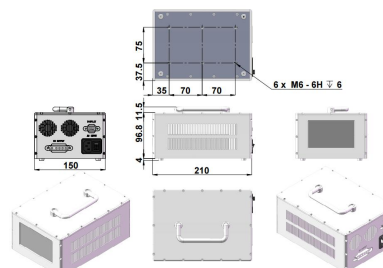
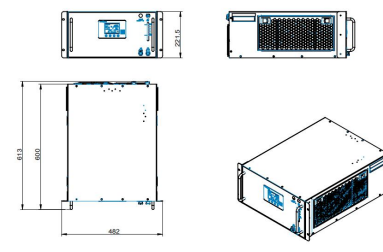
All solid - state CW mode UV laser is made with features of narrow linewidth, low noise, good beam ellipticity, compact structure and outstanding long-term stability. which is used in semiconductor wafer inspection, grating interference lithography, DOE direct writing, photovoltaic light-trapping structure fabrication, flow cytometry, spectrum analysis and precision physics experiments.



SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	CW
Output power (W) ¹	2-5
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Beam Circularity (%)	>80
Beam diameter at the aperture (1/e ² , mm)	~2
Beam divergence, full angle (mrad)	<4.5
M ²	<1.5
Polarization ratio	>100:1 Horizontal
Warm-up time (minutes)	<10
Beam height from base plate (mm)	98
Cooled method	Water cooled
Operating Temperature (°C)	10-35
Operating voltage (VDC)	DC 36V/ 19.6A
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
 445(L)×241(W)×136(H) mm ³ , 17.22 kg	 DC36V 19.6A;356(L)×150(W)×58(H) mm ³ , 3.51 kg	 210 (L) ×150 (W) ×112.3 (H) mm ³ , 2.75 kg	 613(L) ×482 (W) ×221.5(H) mm ³ , 28 kg

1 Any power level can be selected in this range.

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

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