

## UV-D-355/2W-5W



## LD PUMPED ALL-SOLID-STATE LASER

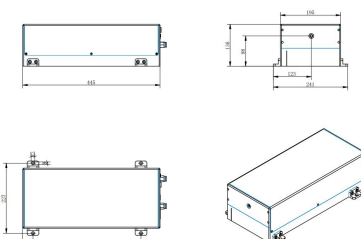
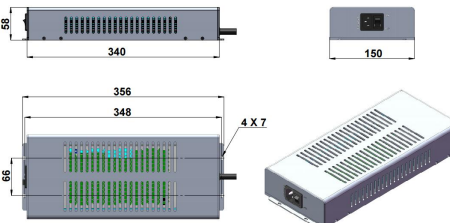
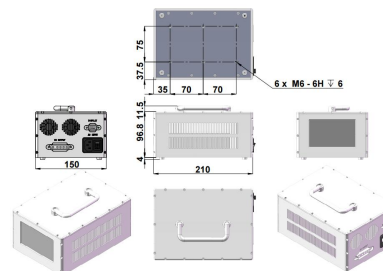
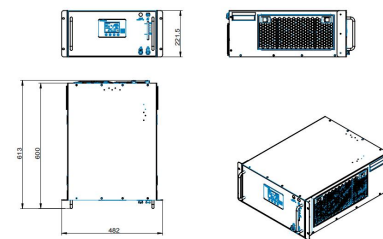
All solid - state CW mode UV laser is made with features of ultra - compactness, easy operation, high power and stability. It is perfect for applications such as flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instruments, physics experiments, etc.



### SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	CW
Output power (W) <sup>1</sup>	2-5
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Beam Circularity (%)	>80
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2
Beam divergence, full angle (mrad)	<4.5
M <sup>2</sup>	<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 <sup>2</sup> (100-240VAC) optional	WATER CHILLER
 <p>445(L)×241(W)×136(H) mm<sup>3</sup>, 17.22 kg</p>	 <p>DC36V 19.6A;356(L)×150(W)×58(H) mm<sup>3</sup>, 3.51 kg</p>	 <p>210 (L)×150 (W)×112.3 (H) mm<sup>3</sup>, 2.75 kg</p>	 <p>613(L)×482(W)×221.5(H) mm<sup>3</sup>, 28 kg</p>

1 Any power level can be selected in this range.

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