

UV-C-355/1W-2W

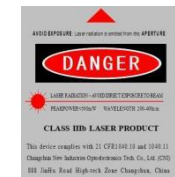
LD PUMPED ALL-SOLID-STATE LASER

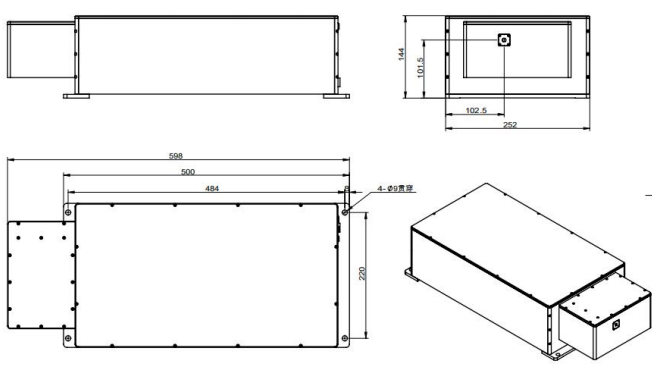
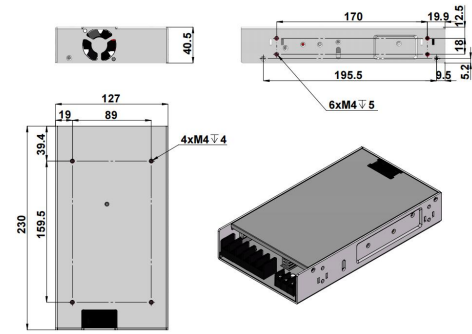

All solid state laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.



SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	CW
Output power (mW)	1000-2000
Power stability (rms, over 4 hours)	<5%, <3%, <2%
Transverse mode	TEM <sub>00</sub>
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	<2.0
Beam divergence, full angle (mrad)	<4
Beam quality (M <sup>2</sup> )	<1.5
Polarization ratio	>100:1 (Horizontal or Vertical Optional)
Warm-up time (minutes)	<10
Beam height from base plate (mm)	101.5
Cooled method	Water cooled
Operating Temperature (°C)	10-35
Supply Voltage	DC 30V/ 18.6A



UV-C-355 <i>Integrated electronics</i>	PSU-36(Power supply 100-240VAC)	Water Chiller (WCH-580)
 <p>598(L)×252(W) ×144(H) mm<sup>3</sup>, 20 kg</p>	 <p>DC30V 18.6A; 230 (L) ×127 (W) ×40.5 (H) mm<sup>3</sup>, 1.8 kg</p>	 <p>369.8 (L) ×258.4(W) ×240.6 (H) mm<sup>3</sup>, 10.5 kg</p>