

LPS-1064-Q/350~850mJ

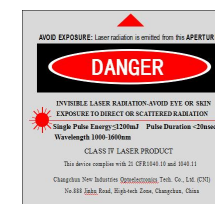
SPECIFICATIONS

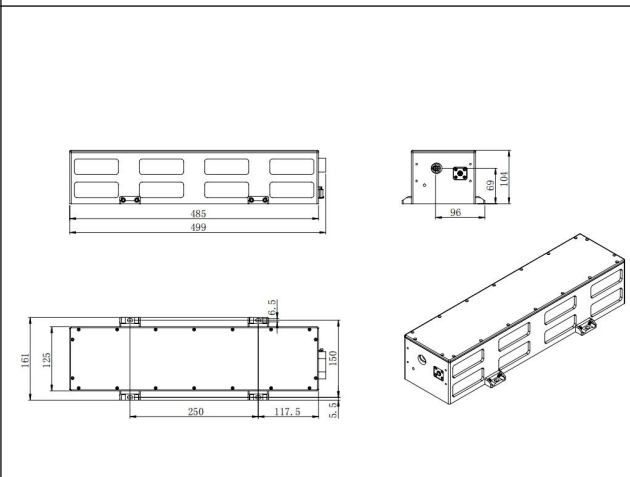
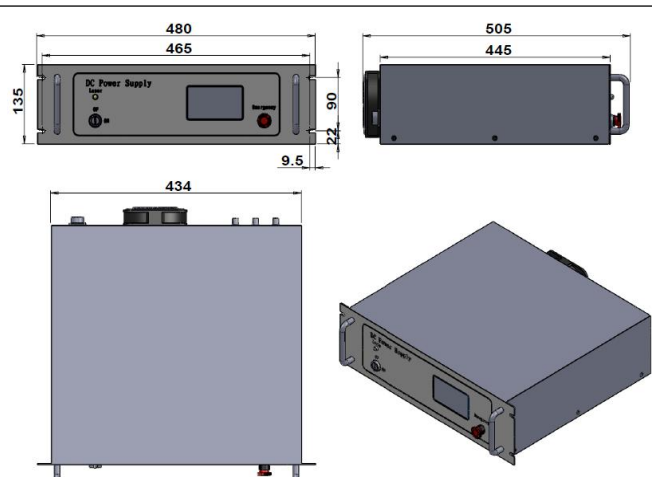
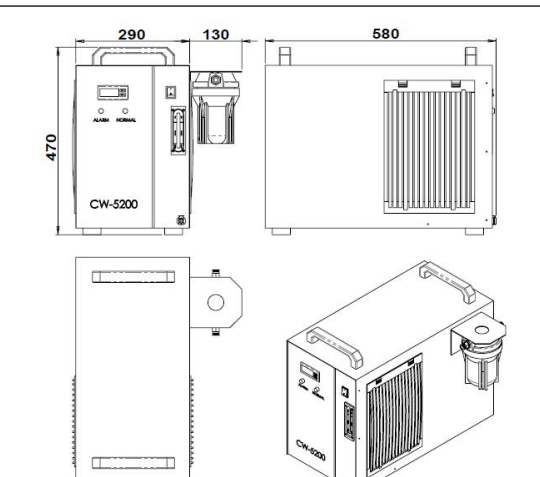
**HIGH ENERGY LAMP
PUMPED SOLID STATE
Q-SWITCHED LASER**

High energy lamp pumped solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in PIV, LIF, LIBS, ICP-MS, Raman, scientific research, and so on.



Wavelength (nm)	1064±1			
Operating mode	Q-switched: EO (Electro-optic)			
Single pulse energy (mJ)	350	500	700	850
Pulse duration (ns)	<10			
Rep. rate (Hz)	1~10 (adjustable)			
Energy stability	<1%, <2%, <3%			
Beam divergence, full angle (mrad)	<3			
Beam diameter (mm)	~9			
Warm-up time (minutes)	<15			
Beam height from base plate (mm)	69			
Cooled method	Water Cooled			
Operating temperature (°C)	15~35			
Power supply (220/110VAC)	PSU-LPS-L(3U)			
Expected lifetime (pulses)	10 ⁸			
Warranty period	1 year			



LPS-1064-Q	PSU-LPS-Q (3U)	Water Chiller (WCH-1500)
 <p>499(L) × 161(W) × 104(H) mm³, 10kg</p>	 <p>480 (L) × 505(W) × 135(H) mm³, 16 kg Rep. Rate and Voltage can be adjusted by touch screen</p>	 <p>580(L) × 290(W) × 470(H) mm³, 24 kg</p>