

LPS-2940-S/100~300mJ

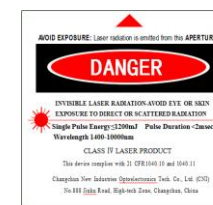
SPECIFICATIONS

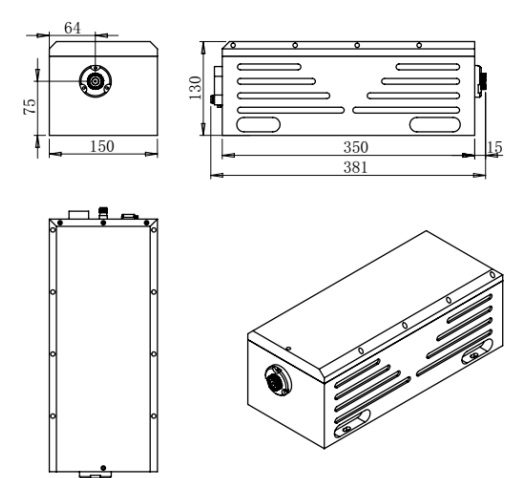
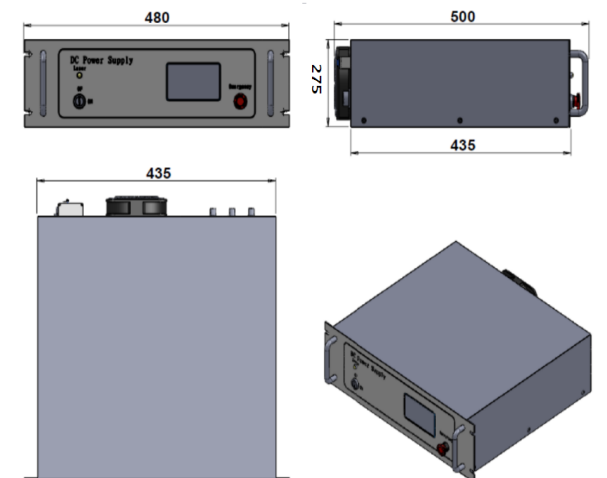
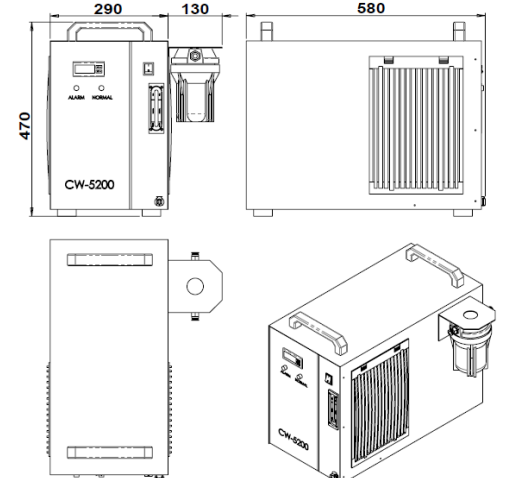
HIGH ENERGY LAMP PUMPED PULSED LASER

High energy lamp pumped pulsed laser at 2940nm has the features of high single pulse energy, the wavelength and water absorption peaks is overlap ,which is widely used in ranging, medical treatment, scientific research, laser cosmetology, optical sensor and other applications, and so on.



Wavelength (nm)	2940±1		
Operating mode	Pulsed		
Single pulse energy (mJ)	100	200	300
Pulse duration (ms)	0.9		
Rep. rate (Hz)	5	3~4	1~2
Energy stability	<2%, <3%, <5%		
Beam diameter (mm)	5		
Warm-up time (minutes)	<15		
Beam height from base plate (mm)	75		
Cooled method	Water Cooled		
Operating temperature (°C)	15~35		
Power supply (220V AC)	PSU-LPS-S		
Expected lifetime (pulses)	10 ⁷		
Warranty period	1 year		



LPS-2940-S	PSU-LPS-S	Water Chiller
 <p>381(L) ×150(W) ×130(H) mm³, 9.4kg</p>	 <p>480 (L) ×500(W) ×275(H) mm³, 25kg</p>	 <p>580(L) ×290(W) ×470(H) mm³, 24 kg</p>