

LPS-2940-S/50-200mJ

SPECIFICATIONS

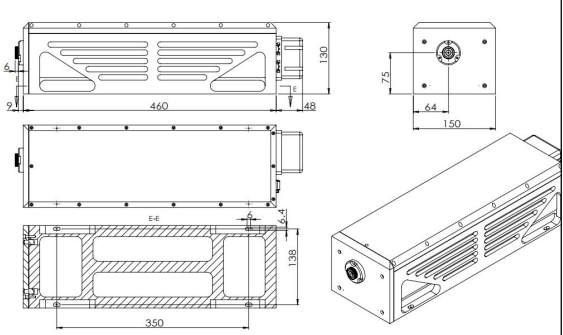
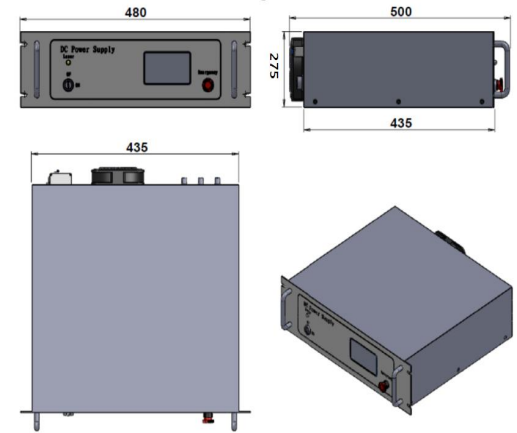
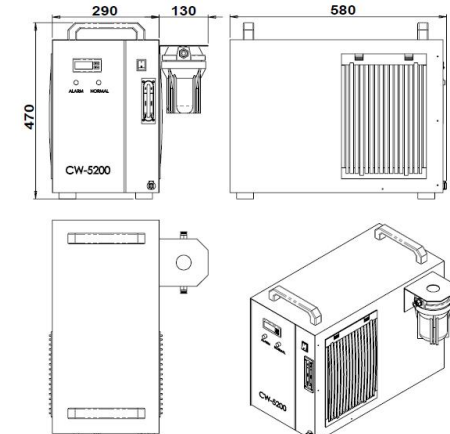
**HIGH ENERGY LAMP PUMPED
PULSED LASER**

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	Actively	
Single pulse energy (mJ)	50-100	100-200
Pulse duration (ms)	0.9	
Rep. rate ¹	4Hz	2Hz
Energy stability (std dev/mean)	<5%, <3%, <2%	
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 (110/220VAC)	PSU-LPS-S	
Expected lifetime (pulses)	10 ⁷	



LASER HEAD	POWER SUPPLY ²	WATER CHILLER (WCH-1500)
 208(L) × 150(W) × 130(H) mm³, 10kg	 480 (L) × 500(W) × 275(H) mm³, 25kg	 580(L) × 290(W) × 470(H) mm³, 24 kg

1 Both internal trigger and external trigger are acceptable.

2 Rep. Rate and Voltage can be adjusted by touch screen.

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