

LPS-1064-PS/100mJ

SPECIFICATIONS

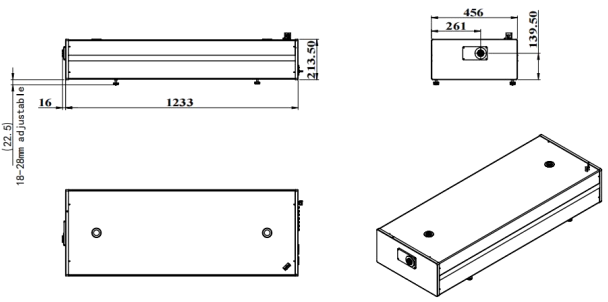
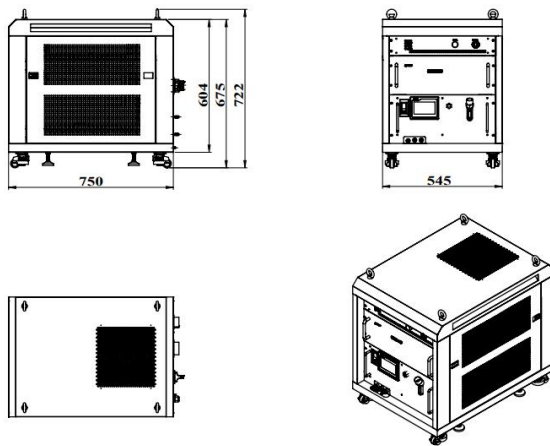
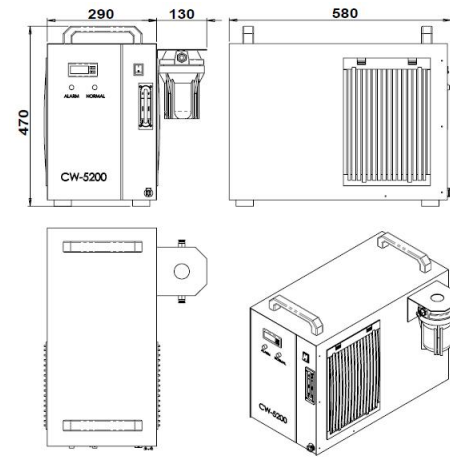
**HIGH ENERGY DIODE AND
LAMP PUMPED SOLID STATE
LASER**

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



Wavelength (nm)	1064±1
Operating mode	Actively
Single pulse energy (mJ)	>100
Pulse duration (ps)	<30
Rep. Rate ¹ (Hz)	1-10
Energy stability (std dev/mean)	<3%
Beam divergence, full angle (mrad)	<3
Beam diameter (mm)	~12
Polarization	Vertical
Warm-up time (minutes)	<60
Beam height from base plate (mm)	162
Cooled method	Water cooled
Operating temperature (°C)	20-30
Power supply (220VAC)	PSU-LPS-PS



LASER HEAD	POWER SUPPLY	WATER CHILLER (WCH-1500)
 1233(L) × 456(W) × 236(H) mm³, 78.5kg	 480 (L) × 465(W) × 135(H) mm³, 93kg	 580(L) × 420(W) × 470(H) mm³, 24kg

1 One fixed value between 1-10Hz