

LPS-1064-Q/300-850mJ

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.

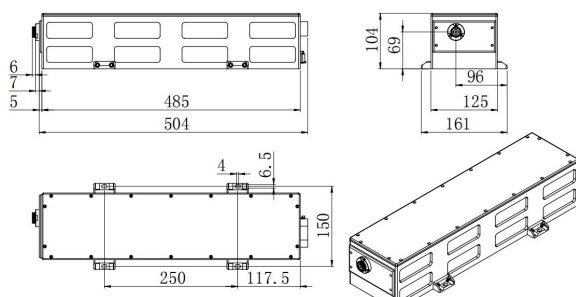


SPECIFICATIONS

Wavelength (nm)	1064±1	
Operating mode	Actively	
Single pulse energy (mJ)	350-500	500-850
Pulse duration (ns)	<10	
Jitter (ns, sdev)	<1ns (Int.)	
Rep. rate ¹	1-10Hz (adjustable), single shot (optional)	
Energy stability (std dev/mean)	<3%, <2%, <1%	
Beam divergence, full angle (mrad)	<3	
Beam diameter (mm)	~7	~9
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	69	
Cooled method	Water cooled	
Operating temperature (°C)	15-35	
Power supply (110/220VAC)	PSU-LPS-Q(3U)	
Expected lifetime (pulses)	10 ⁷ -10 ⁸	
Available options ²	Accessories	

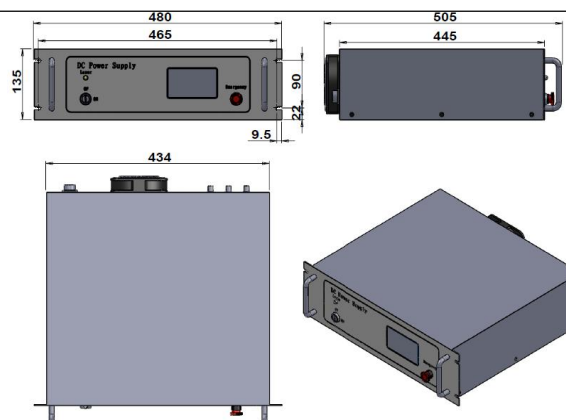


LASER HEAD



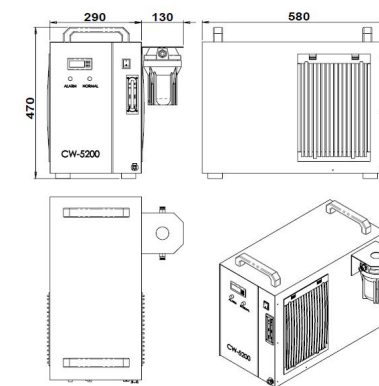
504(L)×161(W)×104(H) mm³, 10kg

POWER SUPPLY³



480 (L) ×505(W) ×135(H) mm³, 16 kg

WATER CHILLER (WCH-1500)



580(L) ×290(W) ×470(H) mm³, 24 kg

1 Both internal trigger and external trigger are acceptable.

2 Accessories include lamp and attenuator.

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

Website: <http://www.cnilaser.com> E-mail: sales@cnilaser.com Tel: +86-431-85603799 Fax: +86-431-89216068