

DPS- 1064-Q/5-40mJ

SPECIFICATIONS

**HIGH ENERGY DIODE PUMPED
ALL-SOLID-STATE
Q-SWITCHED LASER**


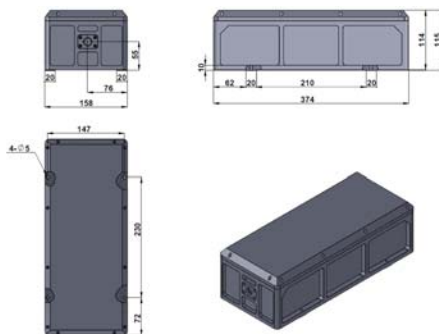


High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in scientific research and so on.



Wavelength (nm)	1064±1					
Operating mode	Q-switched: EOM (Electro-optic modulation)					
Single pulse energy (mJ)	5	5	10	20	30	40
Pulse duration (ns)	<25			10-12		
Rep. rate (Hz)	1000	1~100 (adjustable)				
Energy stability	≤1%					
Warm-up time (minutes)	<15					
Beam divergence, full angle (mrad)	~1.0	~1.0	~1.0	~1.0	~1.0	~1.0
Beam diameter (mm)	4	<3	3	3	3	4
Beam height from base plate (mm)	55					
Cooled method	Water Cooling					
Operating temperature (°C)	20~30					
Power supply (220/110VAC)	PSU-DPS(3U)					
Expected lifetime (hours)	10000					
Warranty period	1 year					
Available options	Higher Repetition Rates> 100Hz, Jitter~1ns, Sdev					



If you have any further requirement about the specification, please contact CNI sales.

DPS-1064-Q	PSU-DPS(3U)	Water chiller
  374 (L) ×158(W) ×115(H) mm³,7.5 kg	 480 (L) ×450(W) ×150(H) mm,15 kg Rep. rate and Voltage can be adjusted by touch screen	 330(L) ×450(W) ×600(H) mm³, 41 kg