

DPS- 1064-Q/5-40mJ

SPECIFICATIONS

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


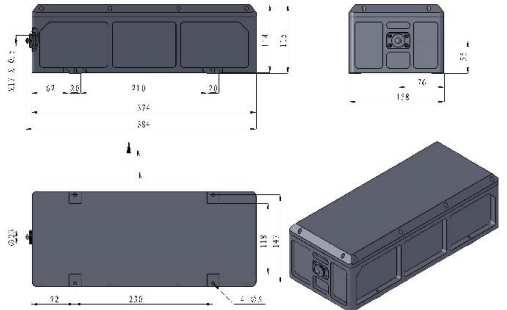
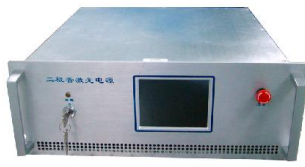

High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in scientific research and so on.



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					
Beam diameter (mm)	4	<3	3	3	3	4
Beam height from base plate (mm)	55					
Cooled method	Water Cooled					
Operating temperature (°C)	20~30					
Power supply (220/110VAC)	PSU-DPS(3U)					
Expected lifetime (pluses)	10 ⁹					
Warranty period	1 year					
Available options	Other Repetition Rates:100~1000Hz; Jitter:~1ns(Sdev)					



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

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