

DPS- 532-Q/2-20mJ

SPECIFICATIONS

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


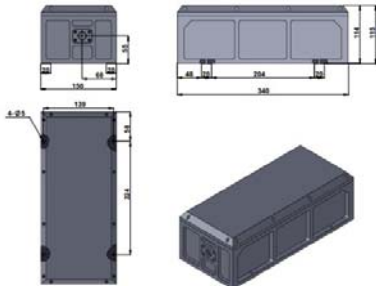


High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in scientific research and so on.



Wavelength (nm)	532±1				
Operating mode	Q-switched: EOM (Electro-optic modulation)				
Single pulse energy (mJ)	2	5	10	15	20
Pulse duration (ns)	10-12				
Rep. rate (Hz)	1~100 (adjustable)				
Energy stability	≤2%				
Warm-up time (minutes)	<15				
Beam divergence, full angle (mrad)	~2.0	~2.0	~2.0	~2.0	~2.0
Beam diameter (mm)	<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>100 Hz, Jitter~1ns, Sdev				



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

DPS-532-Q		PSU-DPS(3U)	Water chiller
			
374 (L) ×158(W) ×115(H) mm ³ ,7.5 kg		480 (L) ×450(W) ×150(H) mm ³ ,15 kg Rep. rate and Voltage can be adjusted by touch screen	330(L) ×450(W) ×600(H) mm ³ , 41 kg