

DPS-1064-PIV/1-200mJ

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

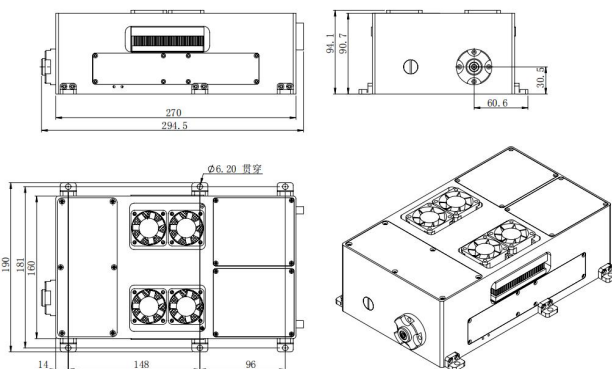
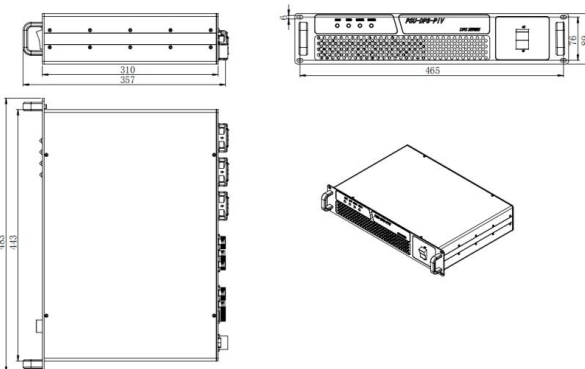
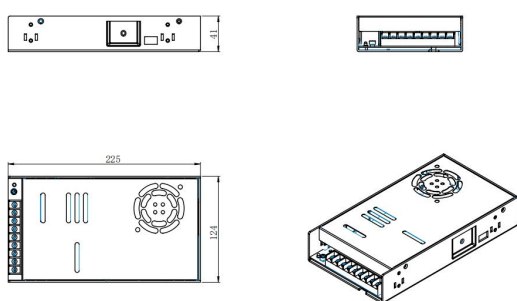
High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in LIBS, LIF, ICP-MS, LCD repair, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Actively
Single pulse energy (mJ)	100@Single pulse
Pulse duration (ns)	<10
Rep. rate ¹	10-20Hz (adjustable)
Energy stability (std dev/mean)	<2%, <1%, <0.5%
Beam divergence, full angle (mrad)	≤3
Beam diameter (mm)	~5
Warm-up time (minutes)	<15
Beam height from base plate (mm)	30.5
Cooled method	Air cooled
Operating temperature (°C)	-20-55
Operating voltage (VDC)	24V/25A
Expected lifetime (pulses)	10 ⁹
Delay between two pulses (ns)	0-50000



LASER HEAD	DRIVER	POWER SUPPLY (110/220VAC) optional
 294.5(L)×190(W)×94(H) mm³, 6.5 kg	 483(L)×357(W)×89(H) mm³, 8kg	 225(L)×124(W)×41(H) mm³, 1kg

¹ Both internal trigger and external trigger are acceptable.

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