



Your source for high quality, affordable lasers

DATA SHEET


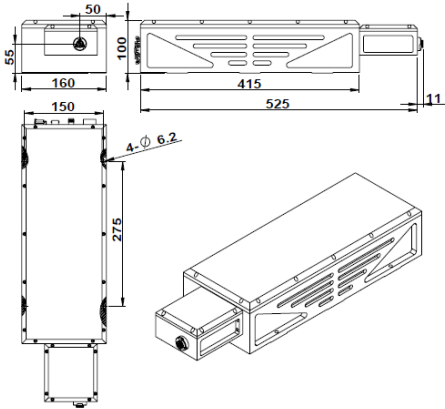
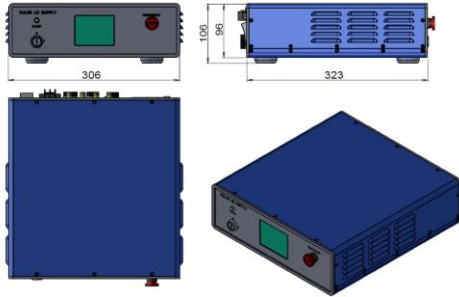
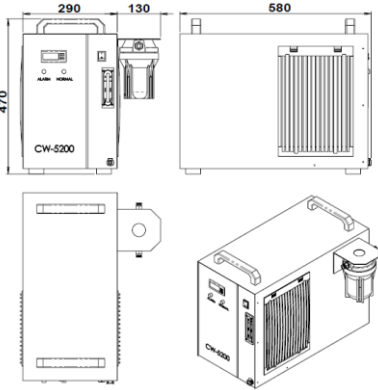
HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy diode pumped all solid state Q-switched laser at 355nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in LIBS, LIF, PIV, ICP-MS, LCD repair, scientific research, laser processing, military, and so on.



Model: DPS-355-Q/2~10mJ

Wavelength (nm)	355 ± 1nm		
Operating mode	Q-switched: EOM (Electro-Optic Modulation)		
Single pulse energy (mJ)	2	5	10
Pulse duration (ns)	<10		
Rep. rate (Hz)	1~100 (adjustable)		
Energy stability	<4%		
Warm-up time (minutes)	<15		
Beam divergence, full angle (mrad)	<3.0		
Beam diameter (mm)	~2.0	~2.5	~3.0
Beam height from base plate (mm)	55		
Cooled method	Water cooled		
Operating temperature (°C)	15~30		
Power supply (220VAC)	PSU-DPS-Q-I		
Expected lifetime (pulses)	10 ⁹		
Warranty period	1 year		

DPS-355-Q	Laser Head Dimensions	PSU-DPS-Q-I	Water Chiller
	 <p>525(L)×160(W) ×100(H) mm³, 8.0kg</p>	 <p>Rep. rate and Current can be adjusted by touch screen</p> <p>323(L)×306(W) ×106(H) mm³, 4.0kg</p>	 <p>580(L)×290(W) ×470(H) mm³, 24kg</p>