

DPS-1573-Q/5-25mJ

SPECIFICATIONS

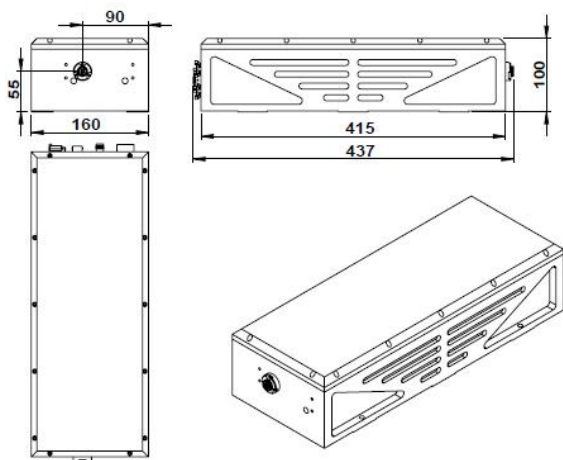
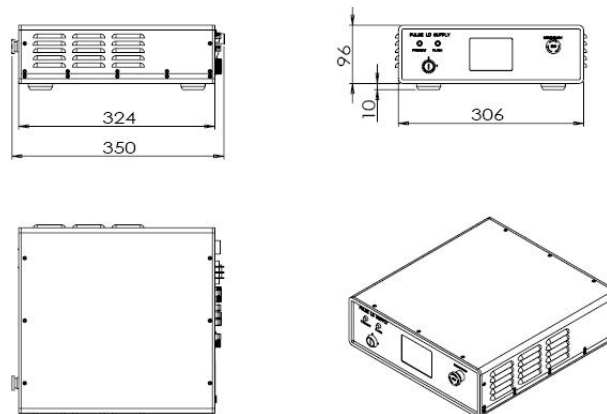
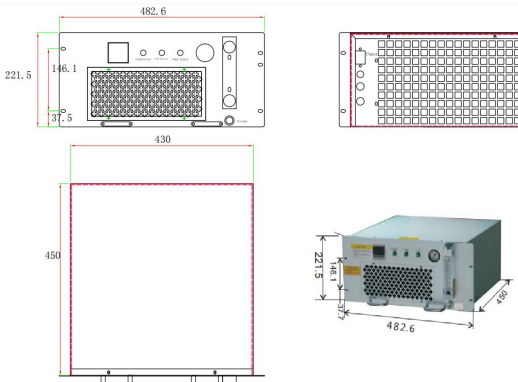
**HIGH ENERGY DIODE PUMPED  
ALL-SOLID-STATE  
Q-SWITCHED LASER**

High energy diode pumped all solid state Q-switched laser at 1573nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in measurement, remote sensing, visualization, scientific research, and so on.



Wavelength (nm)	1573±1
Operating mode	Actively
Single pulse energy (mJ) <sup>1</sup>	5-25
Energy stability (rms, 4 hours ±3°C)	<5%, <3%
Pulse duration (ns)	<8
Jitter (ns, sdev)	<1ns (Int.)
Rep. Rate	1-50Hz (adjustable)
Beam diameter(mm)	~3
Beam divergence, full angel (mrad)	<8
Warm-up time (minutes)	<15
Beam height from base plate (mm)	55
Cooled method	Water cooled
Operating temperature(°C)	15-30
Power supply (110/220VAC)	PSU-DPS-Q
Expected lifetime (pulses)	>10 <sup>9</sup>



LASER HEAD	POWER SUPPLY <sup>2</sup>	WATER CHILLER (WCH-600)
 <p>437(L) × 160(W) × 100(H) mm<sup>3</sup>, 7.5 kg</p>	 <p>350(L) × 306(W) × 106(H) mm<sup>3</sup>, 6kg</p>	 <p>450(L) × 482(W) × 221(H) mm<sup>3</sup>, 25 kg</p>

1 Any energy level can be selected in this range.

2 Rep. Rate and current can be adjusted by touch screen;