

LPS-532-S/30~150mJ

**HIGH ENERGY LAMP  
PUMPED SOLID STATE  
Q-SWITCHED LASER**

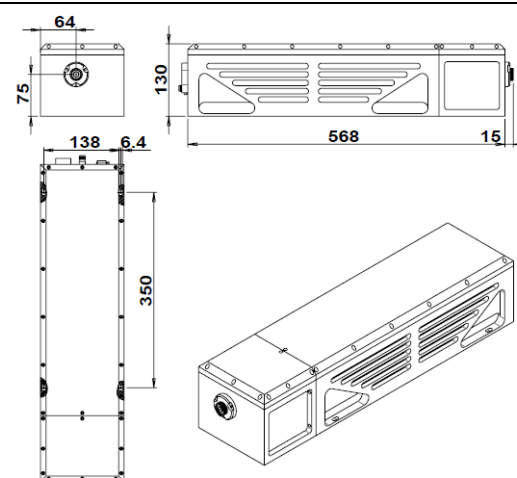
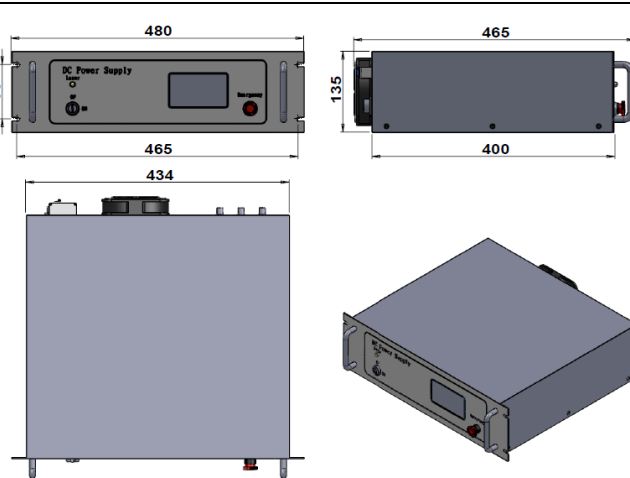
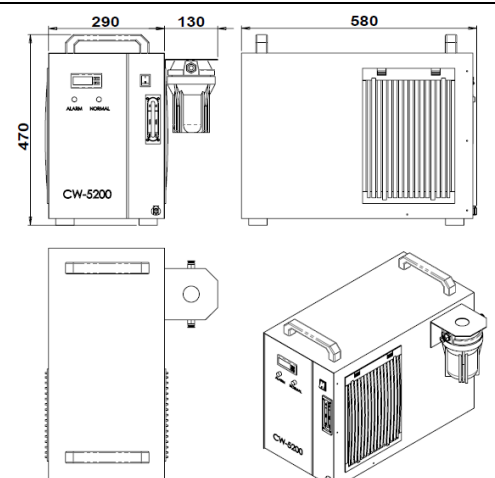
High energy lamp pumped solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in PIV, LIF, LIBS, ICP-MS, Raman, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	532±1			
Operating mode	Q-switched; EOM (Electro-optic modulation)			
Single pulse energy (mJ)	30	50	100	150
Pulse duration (ns)	<10	<10	<8	<8
Rep. rate (Hz)	1~10 (adjustable)			
Energy stability	<2% , <3% , <5%			
Warm-up time (minutes)	<15			
Beam divergence, full angle (mrad)	~1	~1	~1	~3
Beam diameter (mm)	<6	<6	6	7
Beam height from base plate (mm)	75			
Cooled method	Water Cooled			
Operating temperature (°C)	15~35			
Power supply (220/110VAC)	PSU-LPS-S(3U)			
Expected lifetime (pulses)	10 <sup>7</sup> ~10 <sup>8</sup>			
Warranty period	1 year			
Available Options	Higher repetition rates:≤20Hz; Jitter :~1ns (Sdev) ; Accessories			



LPS-532-S	PSU-LPS-S (3U)	Water Chiller
 <p>568(L) ×150(W) ×130(H) mm<sup>3</sup>, 14kg</p>	 <p>480 (L) ×465(W) ×135(H) mm<sup>3</sup>, 15kg Rep. Rate and Voltage can be adjusted by touch screen</p>	 <p>580(L) ×290(W) ×470(H) mm<sup>3</sup>, 24 kg</p>