

DPS-1064-G/50~300mJ

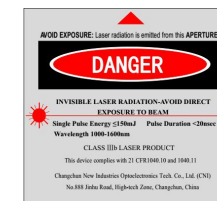
**HIGH ENERGY DIODE PUMPED
ALL-SOLID-STATE
Q-SWITCHED LASER**

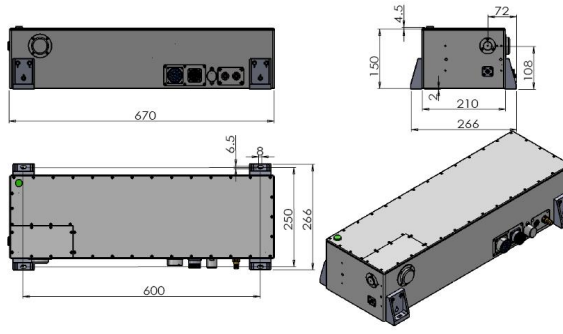
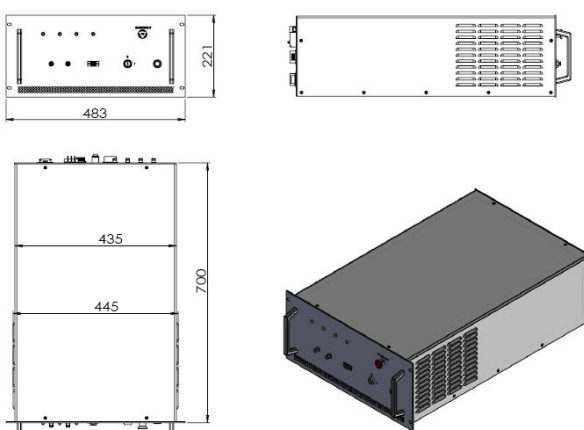
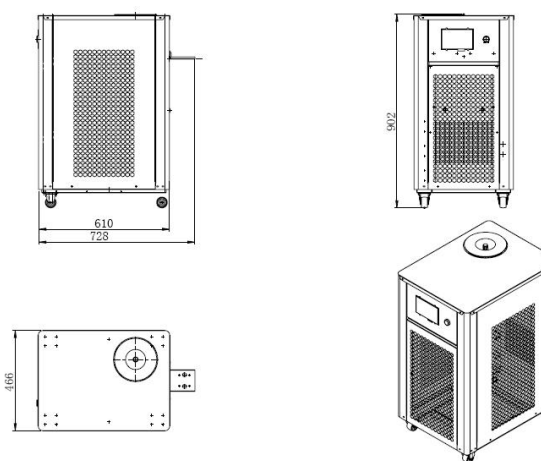
High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, high repetition rate, short pulse duration, and high peak power, which is widely used in ladar, pumped dye laser, material impact strengthening, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	1064±1		
Operating mode	Q-switched: EO (Electro-optic)		
Single pulse energy (mJ)	100	200	300
Pulse duration (ns)	<12		
Rep. rate (Hz)	100		
Energy stability	<2%, <3%		
Beam divergence, full angle (mrad)	<3		
Beam diameter (mm)	~7.5		
Warm-up time (minutes)	<15		
Beam height from base plate (mm)	108		
Cooled method	Water Cooled		
Operating temperature (°C)	15~35		
Power supply (220/110VAC)	PSU-DPS-G		
Expected lifetime (pluses)	10 ⁹		
Warranty period	1 year		



DPS-1064-G	PSU-DPS-G	Water Chiller (WCH-2700)
 <p>670 (L) × 266 (W) × 150 (H) mm³, 43 kg</p>	 <p>700 (L) × 483 (W) × 221 (H) mm³, 30 kg Energy can be adjusted by touch screen</p>	 <p>610 (L) × 466 (W) × 902 (H) mm³, 75 kg</p>