

LPS-1064-M/1-10J

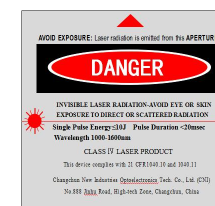
SPECIFICATIONS

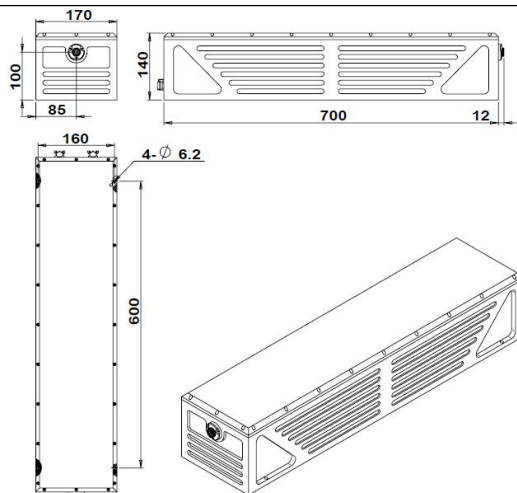
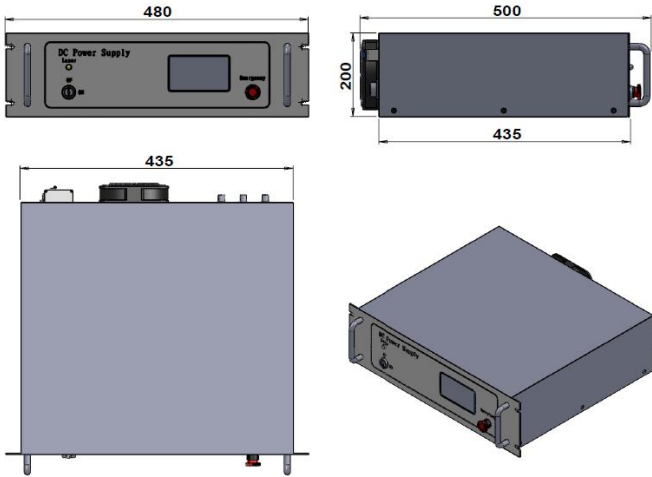
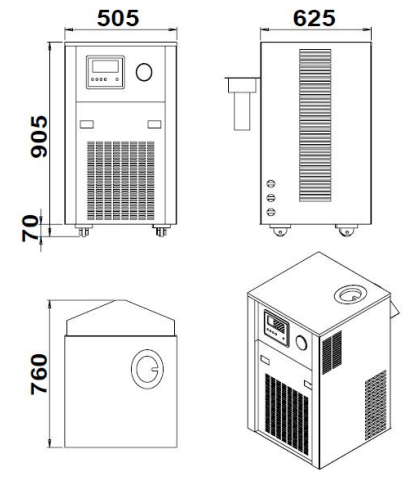
**LAMP PUMPED
SOLID STATE
LONG PULSED LASER**

Lamp pumped solid state long pulsed laser at 1064nm has the features of high signal pulse energy, high repetition rate, and long pulse duration, which is widely used in laser processing, scientific research, and so on.



Wavelength (nm)	1064±1	
Operating mode	Pulsed	
Single pulse energy (J)	5@5ms	10@5ms
Pulse duration (ms)	0.1~20	
Rep. rate (Hz)	1~20,EXT	
Energy stability	<2%, <3%, <5%	
Beam divergence, full angle (mrad)	<3	
Beam diameter (mm)	~8	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	100	
Cooled method	Water Cooled	
Operating temperature (°C)	15~35	
Power supply (220VAC)	PSU-LPS-M(3U)	
Expected lifetime (pulses)	>10 ⁶	
Warranty period	1 year	



LPS-1064-M	PSU-LPS-M	Water Chiller
 <p>700 (L) × 160(W) × 140(H) mm³, 25 kg</p>	 <p>500 (L) × 480(W) × 200(H) mm³, 25 kg</p>	 <p>505 (L) × 625(W) × 905(H) mm³, 91 kg</p>