

HPL-1064B-PA/4-20W

**WATER COOLING LD PUMPED  
ALL-SOLID-STATE Q-SWITCHED  
LASER at 1064nm**

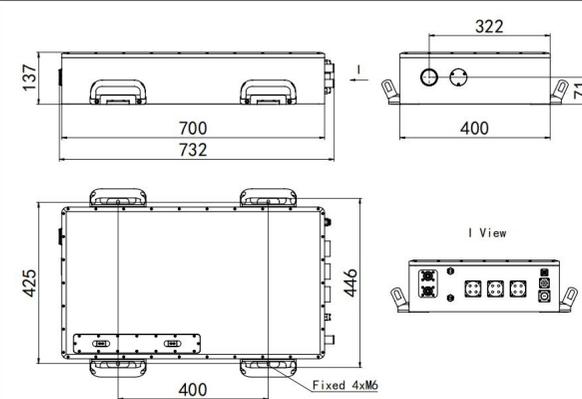
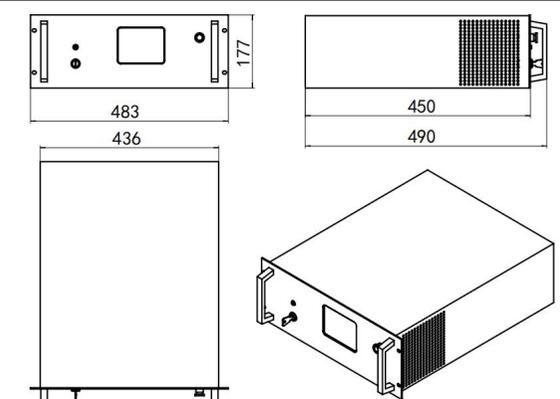
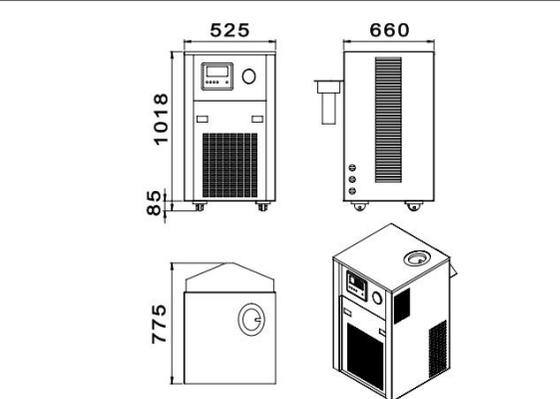
All solid state Q-switched laser at 1064nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Actively
Pulse duration (ns)	~10
Average power (W)	4-20
Single pulse energy (mJ)	20-100
Rep. rate (Hz)	200
Peak power (MW)	2-10
Power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<1
Beam diameter at the aperture (mm)	~8
Beam height from base plate (mm)	71
Warm-up time(minutes)	<10
Cooled method	Water cooled
Operating temperature (°C)	15-35
Power supply (220VAC) <sup>2</sup>	PSU-HPL-PA*3
Expected lifetime (hours)	>10000



LASER HEAD (DRIVER Integrated)	POWER SUPPLY	WATER CHILLER
 <p>545(L) × 225 (W) × 132(H) mm<sup>3</sup>, 15 kg</p>	 <p>490 (L) × 483(W) × 177(H) mm<sup>3</sup>, 25 kg</p>	 <p>288(L) × 482(W) × 90(H) mm<sup>3</sup>, 50 kg</p>

1 One fixed value between 4-20W.

2 Other voltages require special customization.