

HPL-1064A-PA/1-4W

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

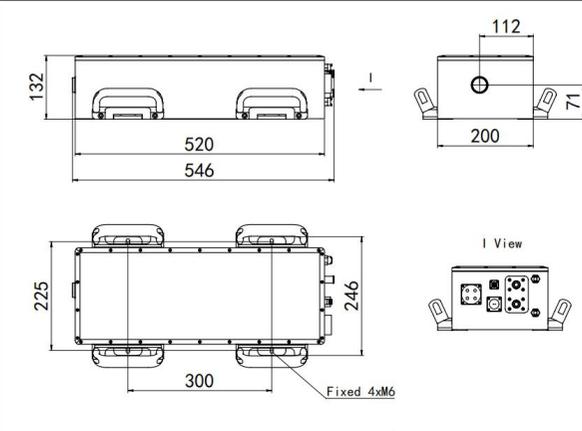
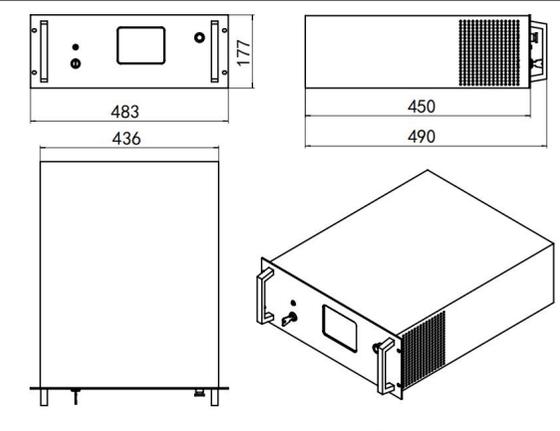
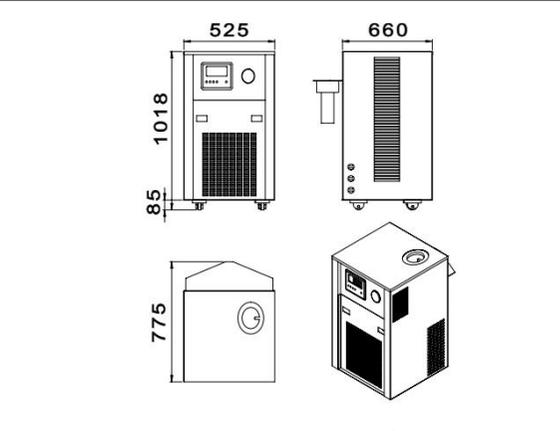
All solid state Q-switched laser at 1064nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific research, and so on.



SPECIFICATIONS

| | |
|--|--------------|
| Wavelength (nm) | 1064±1 |
| Operating mode | Actively |
| Pulse duration (ns) | ~10 |
| Average power (W) ¹ | 1-4 |
| Single pulse energy (mJ) | 5-20 |
| Rep. rate (Hz) | 200 |
| Peak power (MW) | 0.5-2 |
| Power stability (rms, 4 hours±3°C) | <5%, <3% |
| Beam divergence, full angle (mrad) | <2 |
| Beam diameter at the aperture (1/e ² ,mm) | ~4 |
| Beam height from base plate (mm) | 71 |
| Warm-up time(minutes) | <10 |
| Cooled method | Water cooled |
| Operating temperature (°C) | 15-35 |
| Power supply (220VAC) ² | PSU-HPL-PA |
| Expected lifetime (hours) | >10000 |



| LASER HEAD (DRIVER Integrated) | POWER SUPPLY | WATER CHILLER |
|---|--|--|
|  <p>546(L) × 225 (W) × 132(H) mm³, 15 kg</p> |  <p>490 (L) × 483(W) × 177(H) mm³, 25 kg</p> |  <p>775 (L) × 660(W) × 1018(H) mm³, 85 kg</p> |

1 One fixed value between 1-4W.

2 Other voltages require special customization.