

HPL-1064-QT/1~20W

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

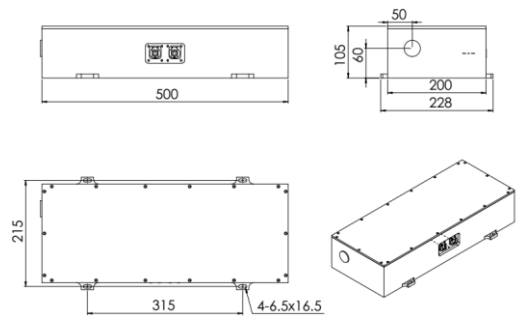
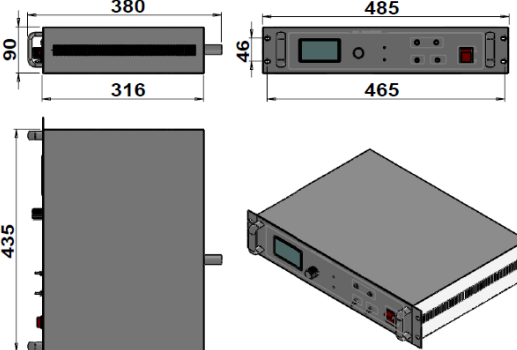
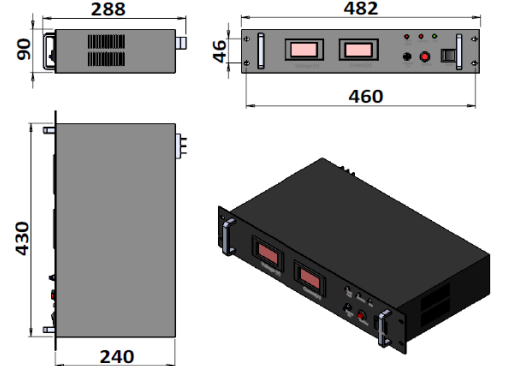
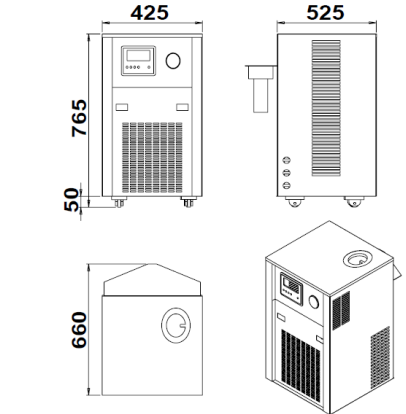
CNI's All solid state AOM Q-switched infrared laser at 1064nm features high peak power, high repetition rate, and short pulse duration, they are widely used in diamond cutting, carving, measure, science research, military, etc.



SPECIFICATIONS

Wavelength (nm)	1064±1	
Operating mode	Acousto-Optics Q-switched	
Transverse mode	TEM ₀₀	
Pulse duration (ns)	~110 @ 10kHz	~70 @ 5kHz
Rep. rate (kHz)	5~10 (It is possible to customize other repetition rates)	
Average power (W)	20W @ 10kHz	15W @ 5kHz
Ave power stability (over 4 hours)	<3%	
Beam divergence, full angle (mrad)	<2	
Beam diameter at the aperture (mm)	~1.5	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	60	
Cooled method	Water cooled	
Power supply (220/110VAC)	PSU-HPL (2U×2)	
Operating temperature (°C)	15~35	
Expected lifetime (hours)	10000	
Warranty period	1 year	



HPL-1064-QT	PSU-HPL-Q (2U)	PSU-HPL-CW (2U)	Water Chiller
 <p>500 (L) × 215 (W) × 105 (H) mm³, 7.5kg</p>	 <p>380 (L) × 485 (W) × 90 (H) mm³, 7.5kg</p>	 <p>288 (L) × 482 (W) × 90 (H) mm³, 5.5kg</p>	 <p>425 (L) × 525 (W) × 765 (H) mm³, 69kg</p>