

HPL-1064-Q/50~100 W

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

All solid state Q-switched infrared 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, research and so on.






SPECIFICATIONS

Wavelength (nm)	1064±1	
Operating mode	Pulsed (Q-switched)	
Average power (W)	50	100
Pulse duration (ns)	~100	
Rep. rate (kHz)	10-20 (it is possible to customize other Repetition Rates)	
Single pulse energy (mJ)	5 @10kHz	10 @10kHz
Peak power (kW)	50 @ 10kHz	100 @ 10kHz
Ave power stability (over 4 hours)	<3%, <5%	
Beam divergence, full angle (mrad)	<3.5	
Beam diameter at the aperture (mm)	≥6	≥9
Beam height from base plate (mm)	55.0	
Warm-up time (minutes)	<10	
Cooled method	Water Cooled	
Operating temperature (°C)	15~35	
Power supply (220/110VAC)	PSU-HPL-Q(4U)	
Expected lifetime (hours)	10000	
Warranty period	1 year	
Pilot light (optional)	5mW @650nm(optional)	



If you have any further requirement about the specification, please contact CNI sales.

HPL-1064-Q(50~100 W)	PSU-HPL-Q(4U)	Water chiller
 <p>390 (L) ×150(W) ×130(H) mm³, 7.5kg</p>	 <p>483(L) ×323(W) ×176(H) mm³, 14kg</p>	 <p>425(L) ×525(W) ×765(H) mm³, 69kg(50W) 475(L) ×575(W) ×805(H) mm³, 71kg(100W)</p>