

### HPL-Q-556/20~50 W

### WATER COOLING LD PUMPED ALL-SOLID-STATE Q-SWITCHED YELLOW LASER at 556nm

All solid state Q-switched yellow laser at 556nm has the features of high power, high repetition rate, and short pulse duration, which is widely used in communication, military , laser medical treatment, scientific experiment, optical instrument ,etc.


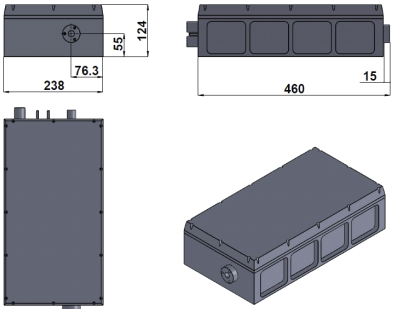



#### SPECIFICATIONS

Wavelength (nm)	556±1	
Operating mode	Pulsed (Q-switched)	
Average power (W)	20	50
Rep. rate (kHz)	10~20 (it is possible to customize other Repetition Rates )	
Pulse duration (ns)	~100	
Single pulse energy (mJ)	~2 @ 10kHz	~5 @ 10kHz
Peak power (kW)	~20@ 10kHz	~50@ 10kHz
Power stability (over 4 hours)	<3% or <5%	
Beam divergence, full angle (mrad)	<3.5	
Beam diameter at the aperture (mm)	≥12.0	≥15.0
Beam height from base plate (mm)	55.0	
Warm-up time (minutes)	<10	
Cooled method	Water Cooled	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-HPL-Q(4U)	
Expected lifetime (hours)	10000	
Warranty period	1 year	



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

HPL-556-Q	PSU-HPL-Q(4U)	Water chiller
 <p>460 (L) ×238(W) ×124(H) mm<sup>3</sup>, 15kg</p>	 <p>483(L) ×323(W) ×176(H) mm<sup>3</sup>,13kg</p>	 <p>475 (L)×575(W)×805(H) mm<sup>3</sup> , 71kg,(20W) 505 (L)×625(W)×905(H) mm<sup>3</sup>, 95kg(50W)</p>