

HPL-660-QM/ 50-100W

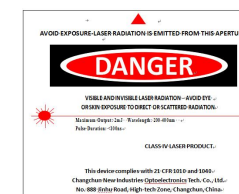
WATER COOLING LD PUMPED ALL-SOLID-STATE Q-SWITCHED RED LASER at 660 nm

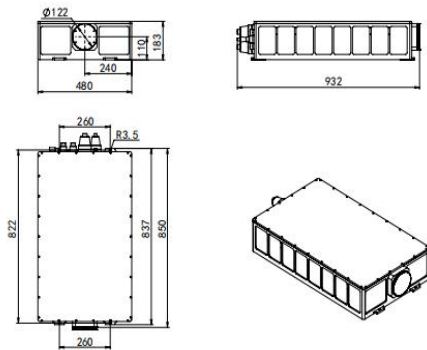
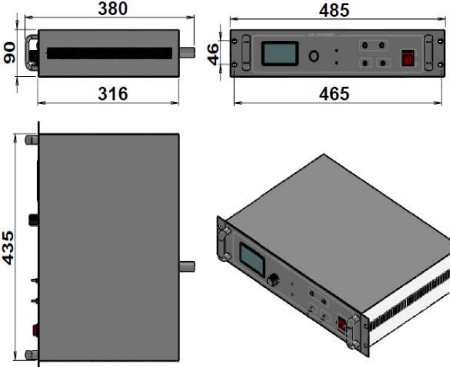
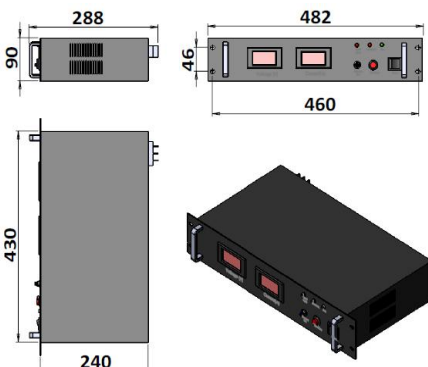
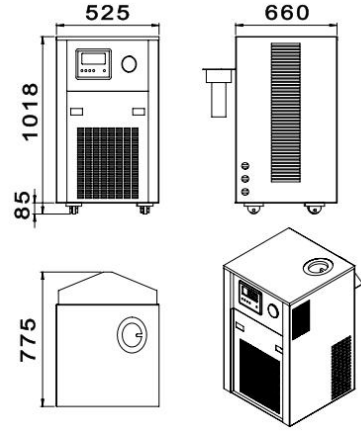
All solid state Q-switched red laser at 660nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in laser measurement, laser display, scientific research, and so on.



SPECIFICATIONS

Wavelength (nm)	660±1
Operating mode	Actively
Average power (W)	50-100
Pulse duration (ns)	~150
Rep. rate (kHz) ¹	5
Single pulse energy (mJ)	10-20
Peak power (kW)	66-133
Power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e ² ,mm)	<15
Beam height from base plate (mm)	110
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15-35
Power supply (220-240AC)	PSU-HPL-Q*2 & PSU-HPL-CW*2
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY	POWER SUPPLY	WATER CHILLER
 932(L)×480(W)×183(H) mm³, 23kg	 380(L)×485(W)×90(H) mm³, 7.5kg	 288(L)×482(W)×90(H) mm³, 5.5kg	 525 (L)×660(W)×1018(H) mm³, 95kg

¹ Fixed frequency, It is possible to customize other frequency.