

HPL-532-QL/100-200W

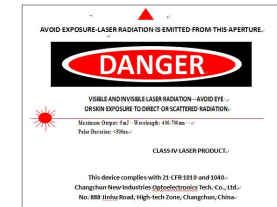
**WATER COOLING LD PUMPED
ALL-SOLID-STATE Q-SWITCHED
GREEN LASER at 532nm**

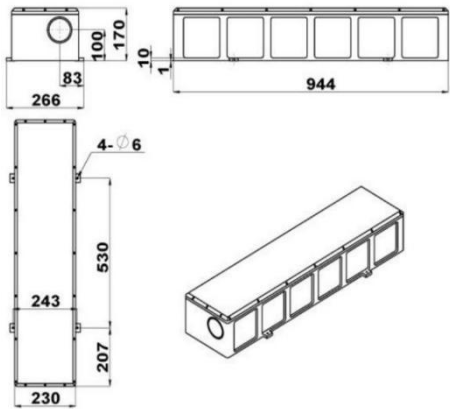
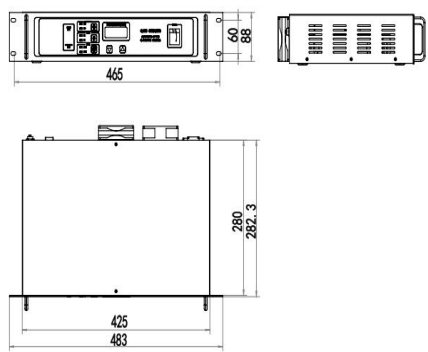
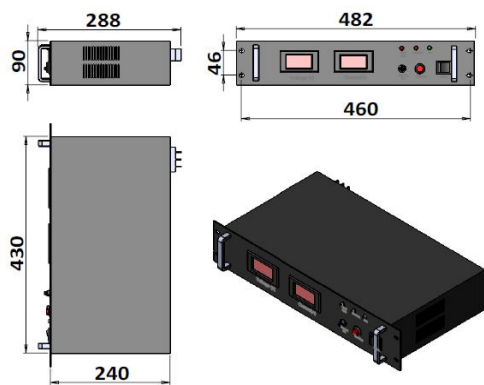
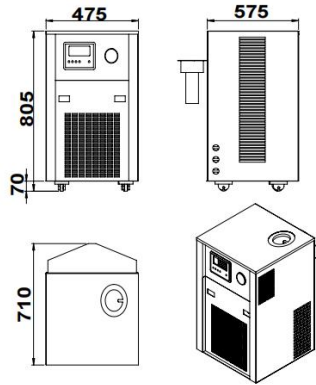
All solid state Q-switched green laser at 532nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, scientific, research, and so on.



SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Actively
Average power (W) ¹	100-200
Pulse duration (ns)	~100 @15kHz&200W
Rep. rate ²	15kHz (It is possible to customize other repetition rates)
Single pulse energy (mJ)	6.6-13
Peak power (kW)	66-130 @ 15kHz&200W
Ave 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)	100
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15-35
Power supply (220-240AC)	PSU-HPL-Q & PSU-HPL-CW
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY	POWER SUPPLY	WATER CHILL
 944 (L) × 266(W) × 170(H) mm³, 45kg	 282(L) × 483(W) × 88(H) mm³, 7.5kg	 288(L) × 482(W) × 90(H) mm³, 5.5kg	 475 (L) × 575(W) × 805(H) mm³, 60kg

1 Any power level can be selected in this range.

2 Other rep.rate range available on request.