

HPL-532-QL/100~200W

SPECIFICATIONS

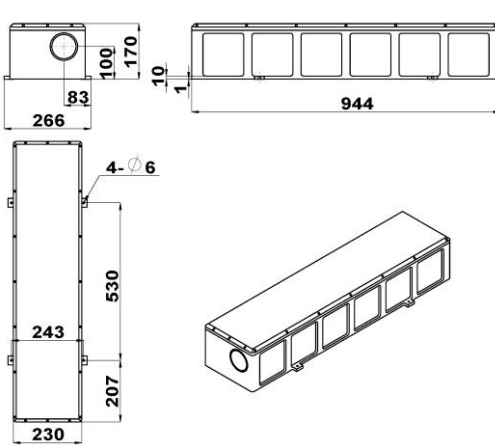
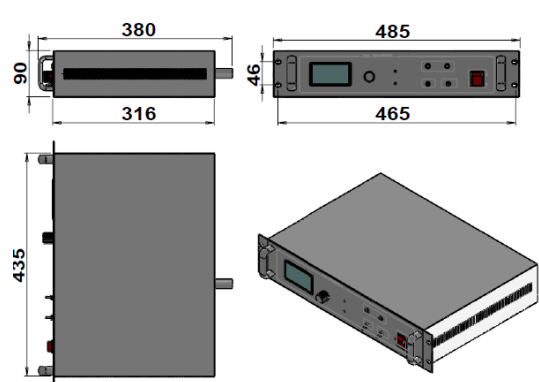
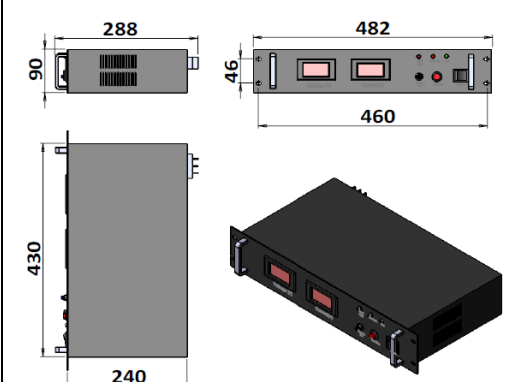
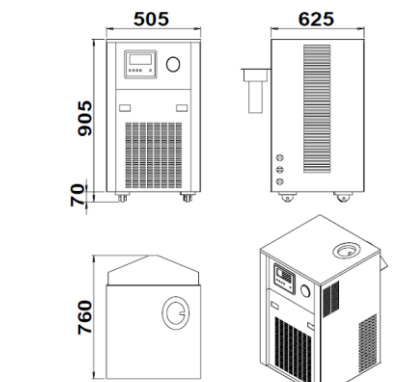
**WATER COOLING LD PUMPED
ALL-SOLID-STATE Q-SWITCHED
GREEN LASER at 532nm**

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, military, and so on.



Wavelength (nm)	532±1
Operating mode	Acousto-Optics Q-switched
Average power (W)	100~200
Pulse duration (ns)	~100 @15kHz&200W
Rep. rate (kHz)	15 (It is possible to customize other repetition rates)
Single pulse energy (mJ)	13 @15kHz&200W
Peak power (kW)	130 @ 15kHz&200W
Ave power stability (over 4 hours)	<3%, <5%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (mm)	≥15
Beam height from base plate (mm)	55
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220V AC)	PSU-HPL(2U×3)
Expected lifetime (hours)	10000
Warranty period	1 year



HPL-532-QL	PSU-HPL-Q (2U)	PSU-HPL-CW (2U×2)	Water Chiller
 <p>944 (L) ×266(W) ×170(H) mm³, 45kg</p>	 <p>380(L) ×485(W) ×90(H) mm³, 7.5kg</p>	 <p>288(L) ×482(W) ×90(H) mm³, 5.5kg</p>	 <p>505 (L) ×625(W) ×905(H) mm³, 95kg</p>