

HPL-532-QT 20W/2mJ



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

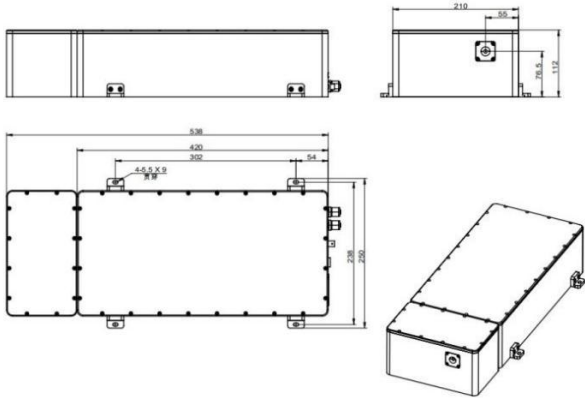
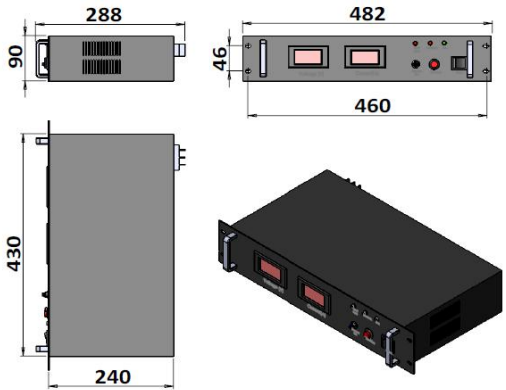

CNI's All solid state AOM Q-switched green laser at 532nm features high peak power, high repetition rate, and short pulse duration, they are widely used in diamond cutting, carving, measure, science research, etc.



SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Acousto-Optic Q-switched
Average power (W)	20W @9kHz
Rep. rate (kHz)	9kHz
Pulse duration (ns)	~80@9kHz
Pulse to Pulse stability(rms)	<1.5%
Transverse mode	TEM ₀₀
M ² factor	<1.3
Beam divergence, full angle (mrad)	<1.7
Beam diameter at the aperture (mm)	~1
Polarization ratio	>100:1, Vertical
Beam height from base plate (mm)	76.5
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Power supply (220/110VAC)	PSU-HPL-CW
Operating temperature (°C)	15~35



HPL-532-QT	PSU-HPL-CW	Water Chiller(WCH-580)
 <p>538(L) × 250(W) × 112(H) mm³</p>	 <p>288(L) × 482(W) × 90(H) mm³, 5.5kg</p>	 <p>369.8 (L) × 258.4(W) × 240.6 (H) mm³, 10.5 kg</p>