

HPL-532-QM/100W

SPECIFICATIONS

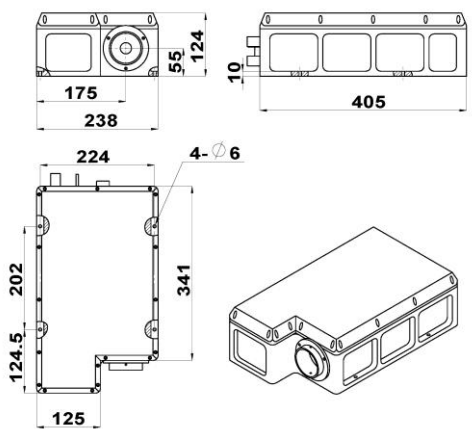
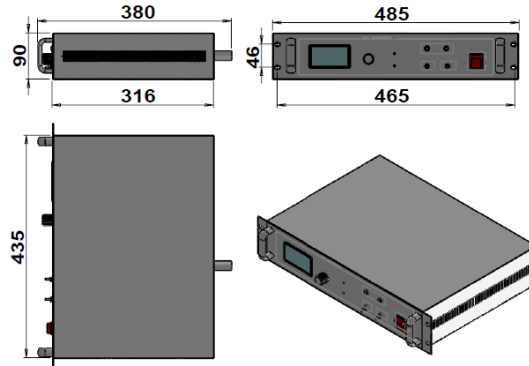
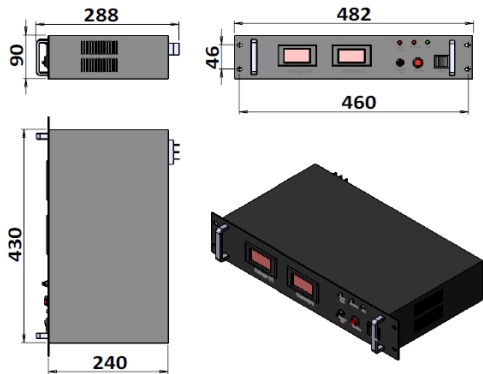
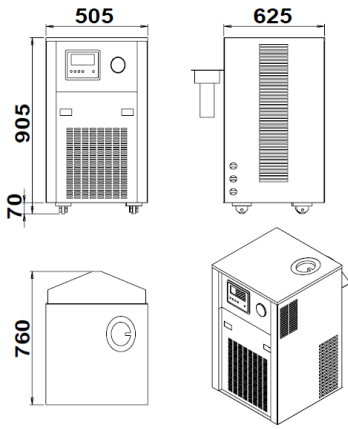
**WATER COOLING LD PUMPED
ALL-SOLID-STATE Q-SWITCHED
GREEN LASER at 532nm**

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	Q-switched: AOM (Acousto-Optic Modulation)
Average power (W)	>100
Pulse duration (ns)	~100 @ 15KHz
Rep. rate (kHz)	15kHz
Single pulse energy (mJ)	>6@15kHz
Peak power (kW)	>100 @ 10kHz
Ave power stability (over 4 hours)	<3% or <5%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (mm)	≥12
Beam height from base plate (mm)	55
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-HPL(2U×2)
Expected lifetime (hours)	10000
Warranty period	1 year



HPL-532-QM(100W)	PSU-HPL-Q(2U)	PSU-HPL-CW(2U)	Water Chiller
 <p>405 (L) × 238 (W) × 124 (H) mm³, 15kg</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>