

**HPL-532-Q/6.6~13.3mJ/100~200W**

### LD PUMPED ALL-SOLID-STATE AOM Q-SWITCHED LASER


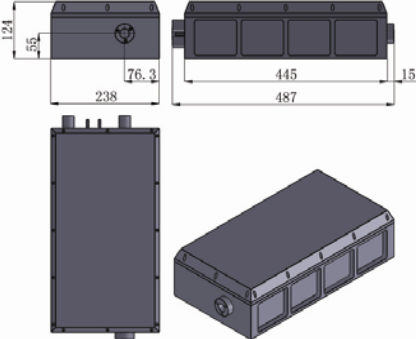


All solid state AOM Q-switched laser at 532nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research, and so on.



#### SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Q-switched: AOM (Acousto-Optic Modulation)
Single pulse energy (mJ)	6.6~13.3
Pulse duration (ns)	~100
Peak power (kW)	66~133
Rep. rate (kHz)	5~100, adjustable
Average power (W)	Average power (W) = Single pulse energy (mJ) * Rep. rate (kHz) 100~200@15kHz, typical
Ave power stability (over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (mm)	~19.0
Beam height from base plate (mm)	55.0
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-HPL-Q(4U)
Expected lifetime (hours)	10000
Warranty period	1 year



HPL-532-Q		PSU-HPL-Q(4U)	Water chiller
 <p>487 (L) × 238(W) × 124(H) mm<sup>3</sup>,</p>			
			 <p>504 (L)×624(W)×905(H) mm<sup>3</sup>, 95kg</p>