



# Lasertack New Laser Generation

HPL-Q-556 /10~50W

## LD PUMPED ALL-SOLID-STATE YELLOW LASER


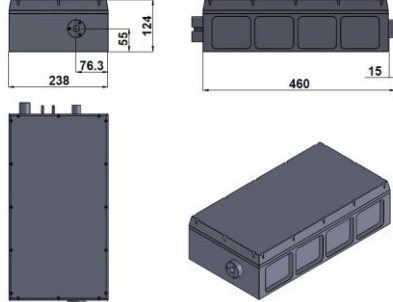


All solid state 556nm yellow laser is made features of high power, high repetition rate, and short pulse duration, which is widely used in communication, military , laser medical treatment, scientific experiment, optical instrument ,etc.



### SPECIFICATIONS

Wavelength (nm)	556±1
Average power (W)	10~50
Operating mode	Pulse (Q-switched)
Power stability (rms, over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
Rep. rate (kHz)	15
Pulse duration (ns)	100
Single pulse energy (mJ)	3.3@15kHz,50W, typical
Peak power (kW)	33@15kHz,50W, typical
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (mm)	~19.0
Beam height from base plate (mm)	55
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-HPL-Q(4U)
Expected lifetime (hours)	10000
Warranty period	1 year



HPL-Q-556		PSU-HPL-Q(4U)	Water chiller
			
460 (L) × 238(W) × 124(H) mm <sup>3</sup> , 15kg		485 (L) × 325(W) × 92(H) mm <sup>3</sup> , 13kg	504 (L) × 624(W) × 905(H) mm <sup>3</sup> , 95kg