



# Lasertack New Laser Generation

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 @100W
Rep. rate (kHz)	15 (It is possible to customize other repetition rates )
Single pulse energy (mJ)	>6.6 @15kHz
Peak power (kW)	>66 @ 15kHz
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)	65
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15~35
Power supply (220V AC)	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>440 (L) × 266 (W) × 135 (H) mm<sup>3</sup>, 15kg</p>	<p>380 (L) × 485 (W) × 90 (H) mm<sup>3</sup>, 7.5kg</p>	<p>288 (L) × 482 (W) × 90 (H) mm<sup>3</sup>, 5.5kg</p>	<p>505 (L) × 625 (W) × 905 (H) mm<sup>3</sup>, 95kg</p>