



HPL-532-QM/ 30-100W

**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, and so on.



SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Actively
Average power (W) ¹	30-100
Pulse duration (ns)	<150 @15kHz&100W
Rep. rate ²	10-20kHz
Single pulse energy (mJ)	3-6.6
Peak power (kW)	66 @15kHz&100W
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e ² ,mm)	<12
Beam height from base plate (mm)	64
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15-35
Power supply (220-240AC)	PSU-HPL-Q & PSU-HPL-CW
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY	POWER SUPPLY	WATER CHILL
460 (L) ×264 (W) ×130(H) mm³, 26kg	282(L) ×483(W) ×88(H) mm³, 7.5kg	288(L) ×482(W) ×90(H) mm³, 5.5kg	475 (L) ×575(W) ×805(H) mm³, 60kg

1 Any power level can be selected in this range.

2 Other rep.rate range available on request.