

HPL-532-PB/ 1-25W

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

All solid state 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, scientific research, and so on.

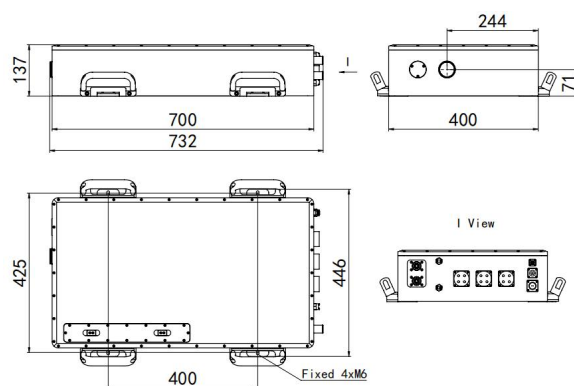


SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Actively
Pulse duration (ns)	~10
Average power (W) ¹	1-25
Single pulse energy (mJ)	1-50
Rep. rate	500Hz
Peak power (MW)	0.02-5
Power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<1
Beam diameter at the aperture (mm)	~8
Beam height from base plate (mm)	71
Warm-up time(minutes)	<10
Cooled method	Water cooled
Operating temperature (°C)	15-35
Power supply (220VAC) ²	PSU-HPL-PB*3
Expected lifetime (hours)	>10000

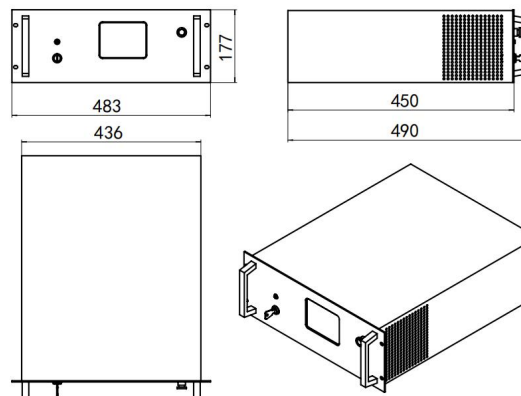


LASER HEAD (DRIVER Integrated)



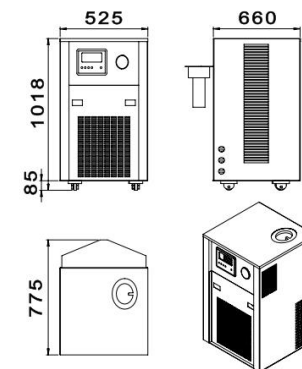
731(L) × 425 (W) × 137(H) mm³, 40 kg

POWER SUPPLY



490 (L) × 483(W) × 177(H) mm³, 25 kg

WATER CHILLER



775 (L) × 660(W) × 1018(H) mm³, 85 kg

1 One fixed value between 1-25W.

2 Other voltages require special customization.