

HPL-532-QS/10~45W

**WATER COOLING LD PUMPED
ALL-SOLID-STATE
532nm LASER**

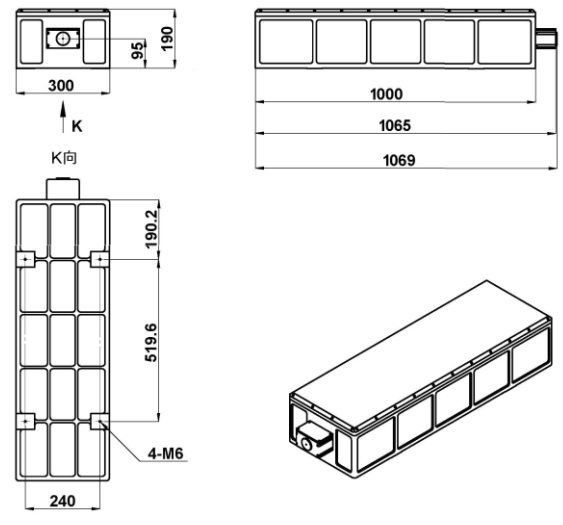
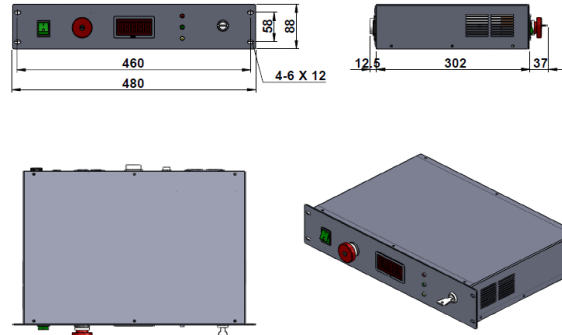
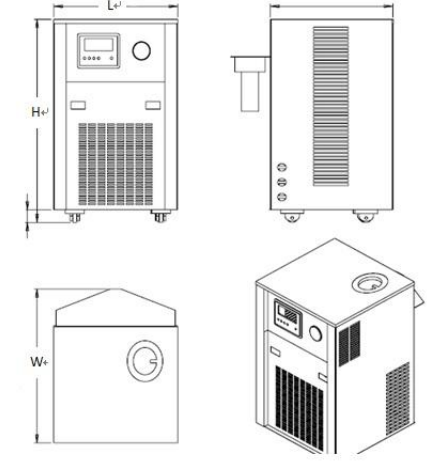
All solid state 532nm green laser is made features of high peak power up to 1MW high repetition rate, and short pulse duration, which is widely used in communication, laser medical treatment, scientific experiment, etc.

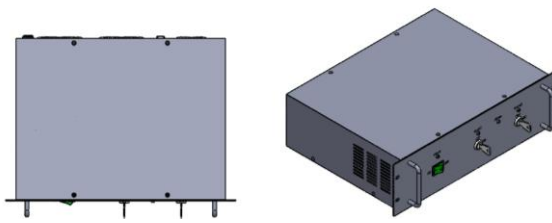
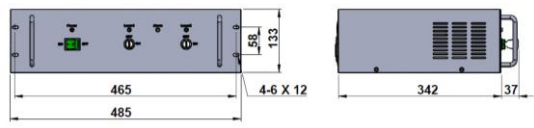


SPECIFICATIONS

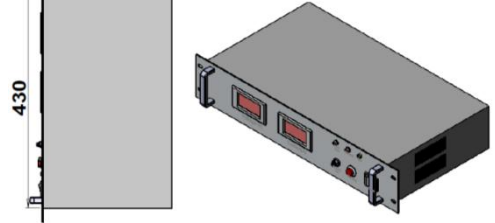
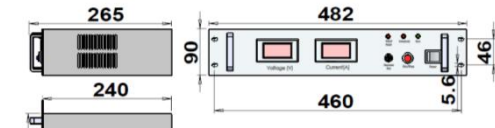
Wavelength (nm)	532±1
Operating mode	Acousto-Optic Q-switched
Average power (W)	10~45
Power stability (rms, over 4 hours)	<3%, <5%
Rep. rate (kHz)	10
Pulse duration (ns)	~5
Single pulse energy (mJ)	4.5
Peak power (MW)	1@10kHz, 45W
Beam divergence, full angle (mrad)	<200
Beam diameter at the aperture (mm)	<20
Beam height from base plate (mm)	95.0
Cooled method	Water Cooled (Choose water chiller according to power)
Operating temperature (°C)	15~35
Power supply (90-264VAC)	PSU-HPL-QS*5
Expected lifetime (hours)	10000
Warranty period	1 year



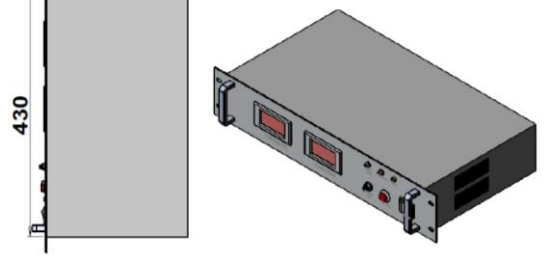
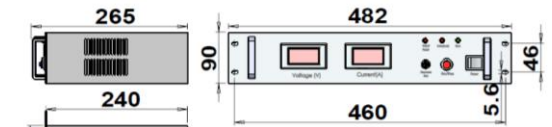
HPL-532-QS	PSU-HPL-QS	Water Chiller
 <p>1069×300×190mm³, 70kg</p>	 <p>PSU-HPL-QS-1 480(L)×351.5(W)×88(H)mm³, 13kg</p>	 <p>Water chiller 1 435(L)×560(W)×760(H)mm³, 60kg</p>



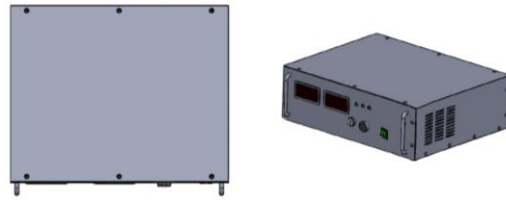
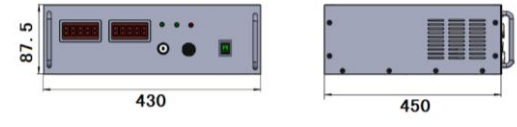
PSU-HPL-QS-2 485 (L) ×379(W) ×133(H) mm³,14kg



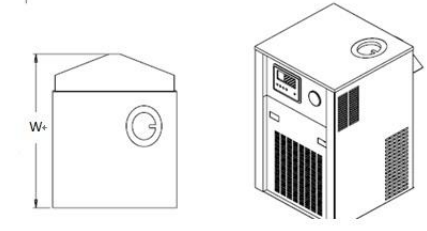
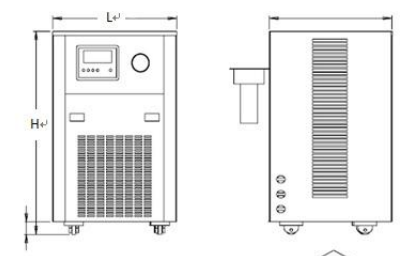
PSU-HPL-QS-4 482(L) ×265(W) ×90(H) mm³,13kg



PSU-HPL-QS-3 482(L) ×265(W) ×90(H) mm³,13kg



PSU-HPL-QS-5 430(L) ×450(W) ×87.5(H) mm³,15kg



Water chiller 2 470 (L) ×565(W) ×900(H) mm³,75kg