

HPL-532-QS/10~45W

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

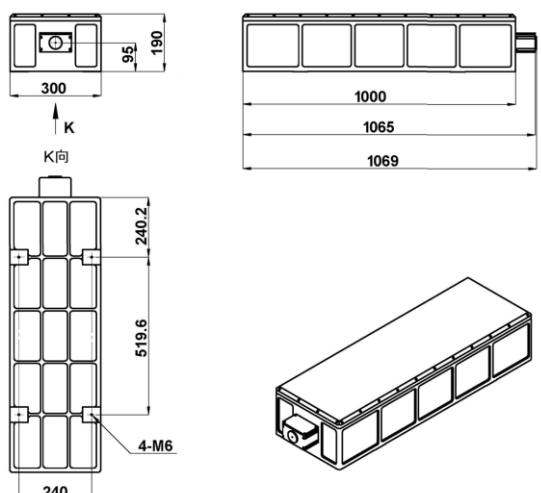
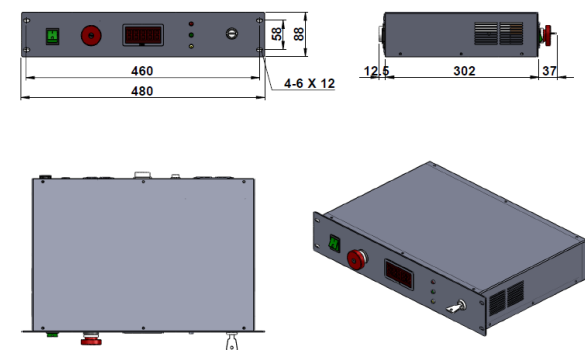
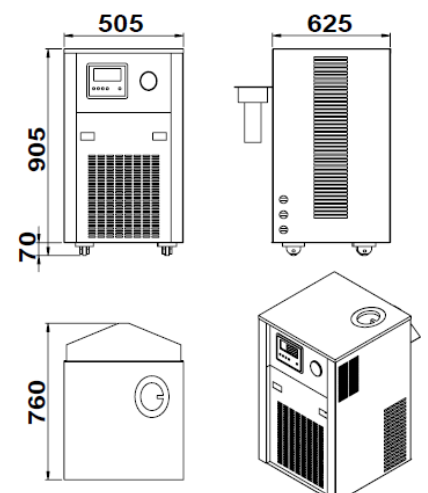
All solid state 532nm green laser is made features of high peak power up to 1MW, high repetition rate, and short pulse duration, which is widely used in communication, military, laser medical treatment, scientific experiment, etc.

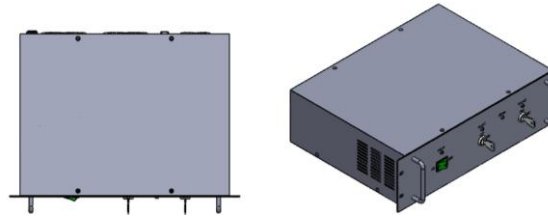
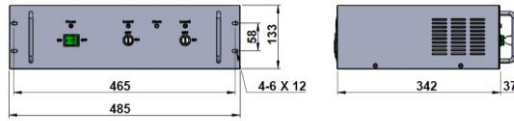


SPECIFICATIONS

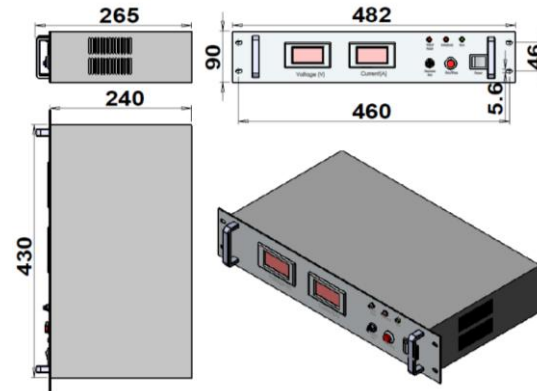
Wavelength (nm)	532±1
Average power (W)	10, 20, 30, ..., 45
Operating mode	Pulse (Q-switched)
Power stability (rms, over 4 hours)	<3%, <5%
Rep. rate (kHz)	10
Pulse duration (ns)	~5
Single pulse energy (mJ)	4.5@10kHz, 45W
Peak power (MW)	~1@10kHz, 45W
Beam divergence, full angle (mrad)	<200
Beam diameter at the aperture (mm)	~19.0
Beam height from base plate (mm)	95.0
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-HPL-QS (12U)
Expected lifetime (hours)	10000
Warranty period	1 year



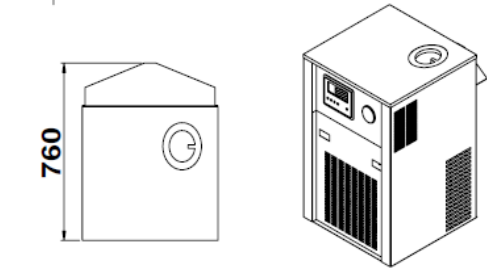
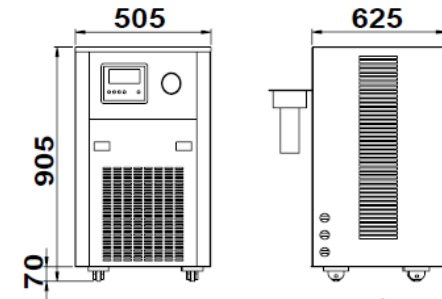
HPL-532-QS	PSU-HPL-QS (12U)	Water chiller
 <p>1069 × 300 × 190 mm³, 70kg</p>	 <p>PSU-HPL-QS(12U)-1 480 (L) × 351.5(W) × 88(H) mm³, 13kg</p>	 <p>Water chiller 1 505 (L) × 760(W) × 905(H) mm³, 95kg</p>



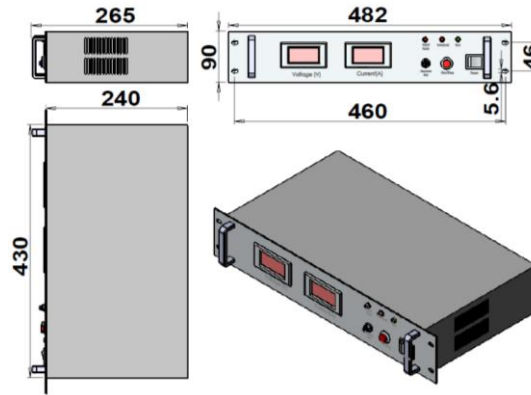
PSU-HPL-QS(12U)-2 485 (L) ×379(W) ×133(H) mm³, 14kg



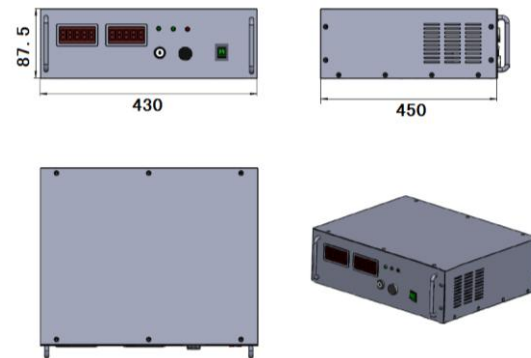
PSU-HPL-QS(12U)-3 482(L) ×265(W) ×90(H) mm³, 13kg



Water chiller 2 505 (L) ×760(W) ×905(H) mm³, 95kg



PSU-HPL-QS(12U)-4 482(L) ×265(W) ×90(H) mm³,13kg



PSU-HPL-QS(12U)-5 430(L) ×450(W) ×87.5(H) mm³,15kg