

HPL-1319-CW/50~150W

SPECIFICATIONS

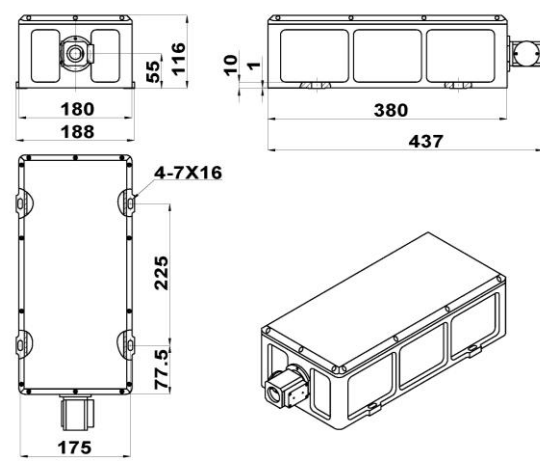
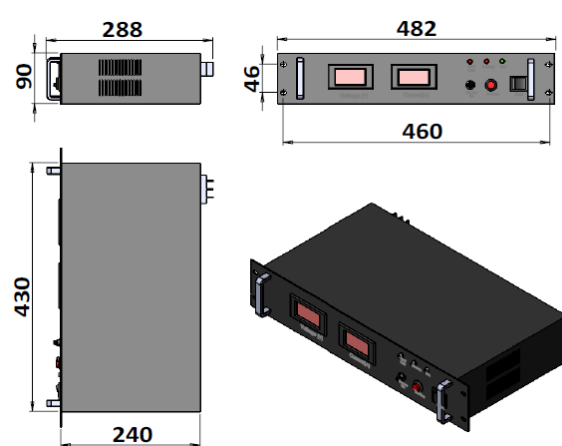
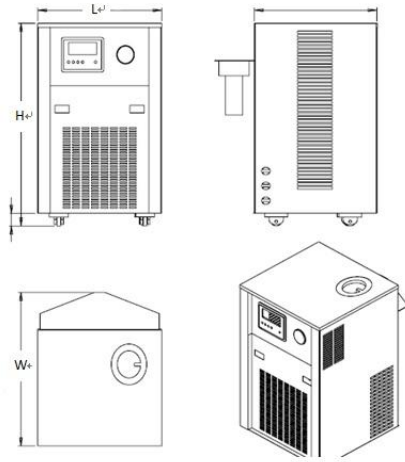
**WATER COOLING LD PUMPED  
ALL-SOLID-STATE CW  
INFRARED LASER at 1319nm**

All solid state CW infrared laser at 1319nm has the features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, spectrum analysis, and so on.



Wavelength (nm)	1319±1	
Operating mode	CW	
Power (W)	100	150
Ave power stability (over 4 hours)	<3%, <5%, <10%	
Beam divergence, full angle (mrad)	<3.5	
Beam diameter at the aperture (mm)	<12	<15
Beam height from base plate (mm)	55	
Warm-up time (minutes)	<10	
Cooled method	Water Cooled (Choose water chiller according to power)	
Operating temperature (°C)	15~35	
Power supply (220/110VAC)	PSU-HPL-CW	
Expected lifetime (hours)	10000	
Warranty period	1 year	
Pilot light (optional)	5mW @650nm(optional)	



HPL-1319-CW (50~150W)	PSU-HPL-CW	Water Chiller
 <p>437 (L) ×188(W) ×116(H) mm<sup>3</sup>, 15kg</p>	 <p>288(L) ×482(W) ×90(H) mm<sup>3</sup>, 5.5kg</p>	 <p>470 (L) ×565(W) ×900(H) mm<sup>3</sup>, 75kg 525 (L) ×595(W) ×1015(H) mm<sup>3</sup>, 95kg</p>