

HPL-1319-CW/20~50 W

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

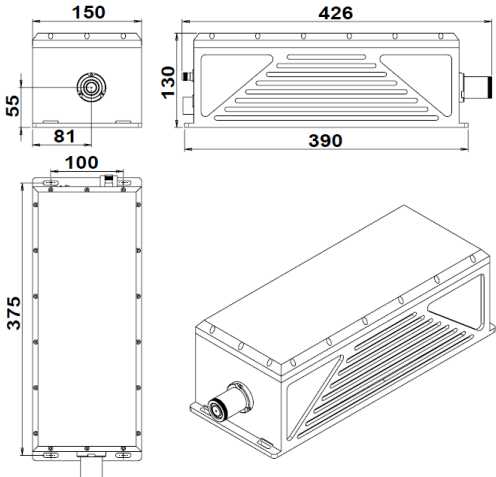
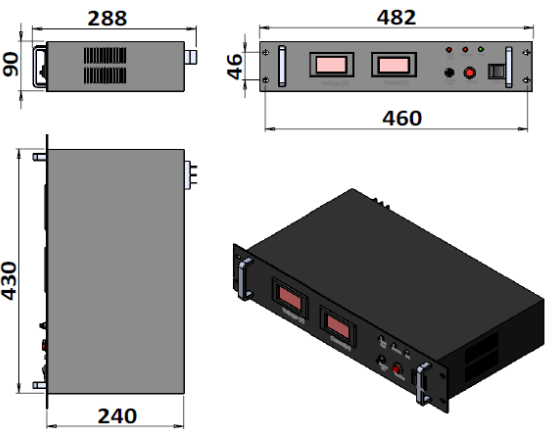
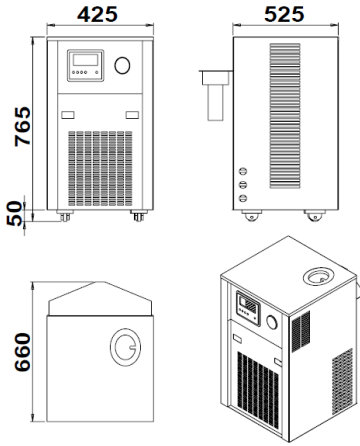
All solid state CW infrared laser at 1064nm has the features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, military, measurement, spectrum analysis, and so on.



SPECIFICATIONS

Wavelength (nm)	1319±1	
Operating mode	CW	
Power (W)	20	50
Ave power stability (over 4 hours)	<3%, <5%, <10%	
Beam divergence, full angle (mrad)	<3.5	
Beam diameter at the aperture (mm)	≥9	≥12
Beam height from base plate (mm)	55	
Warm-up time (minutes)	<10	
Cooled method	Water Cooled	
Operating temperature (°C)	15~35	
Power supply (220/110VAC)	PSU-HPL (2U)	
Expected lifetime (hours)	10000	
Warranty period	1 year	
Pilot light (optional)	5mW @650nm(optional)	



HPL-1319-CW (20~50W)	PSU-HPL-CW (2U)	Water Chiller
 <p>426 (L) ×150(W) ×130(H) mm<sup>3</sup>, 7.5kg</p>	 <p>288(L) ×482(W) ×90(H) mm<sup>3</sup>, 5.5kg</p>	 <p>425 (L) ×525(W) ×765(H) mm<sup>3</sup>, 69kg</p>