

HPL-1319-CW/20~50 W

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

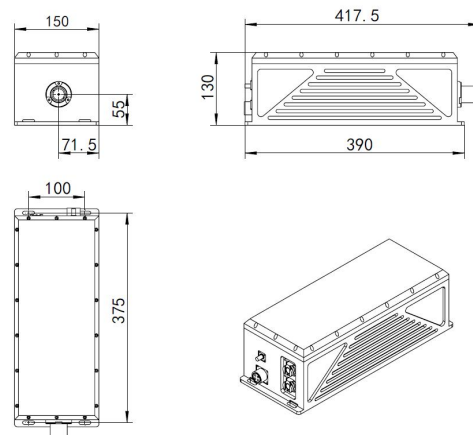
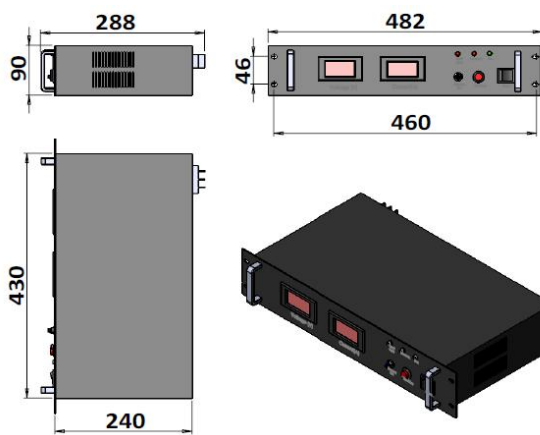
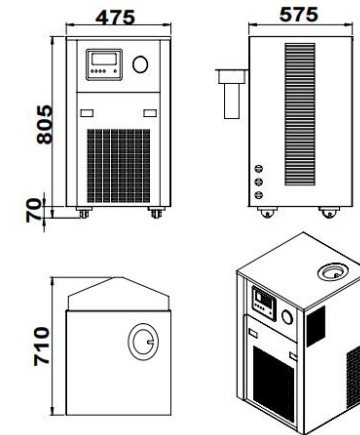
All solid state CW infrared laser at 1319nm has the features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, spectrum analysis, and so on.



SPECIFICATIONS

Wavelength (nm)	1319±1
Operating mode	CW
Output Power (W) ¹	20-50
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e ² ,mm)	<12
Beam height from base plate (mm)	55
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	15-35
Power supply (220-240AC)	PSU-HPL-CW
Expected lifetime (hours)	>10000
Pilot light (optional)	5mW @650nm(optional)



LASER HEAD	POWER SUPPLY	WATER CHILL
 417.5 (L) × 150 (W) × 130 (H) mm³, 7.5kg	 288 (L) × 482 (W) × 90 (H) mm³, 5.5kg	 475 (L) × 575 (W) × 805 (H) mm³, 60kg

¹ Any power level can be selected in this range.