

HPL-1319-CW/50~150W

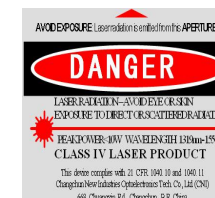
**WATER COOLING HIGH POWER  
LD PUMPED ALL-SOLID-STATE  
LASER at 1319nm**

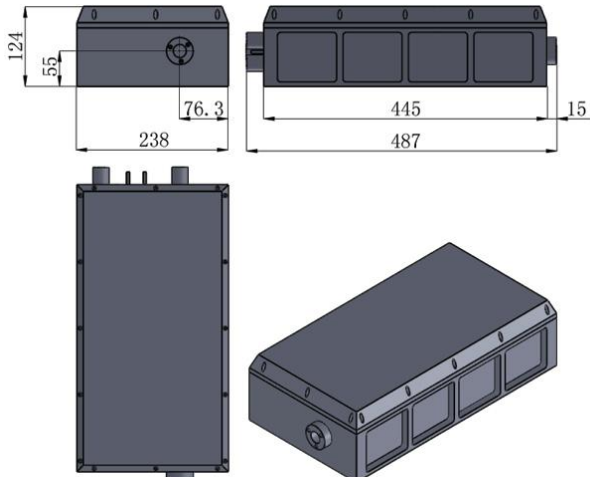


All solid state high power CW laser at 1319nm has the features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, spectrum analysis, etc.



SPECIFICATIONS

Wavelength (nm)	1319±1
Operating mode	CW
Output Power (W)	50~150
Ave power stability (rms, over 4 hours)	<3%, <5%
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~15.0
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-CW(2U)
Expected lifetime (hours)	10000
Warranty period	1 year



HPL-1319-CW	PSU-HPL-CW (2U)	Water chiller
 <p>487 (L) × 238(W) × 124(H) mm<sup>3</sup>, 14kg</p>	 <p>485 (L) × 325(W) × 46(H) mm<sup>3</sup>, 5.5kg</p>	 <p>595 (L) × 525(W) × 1015(H) mm<sup>3</sup>, 95kg</p>