

DATA SHEET

### 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 measurement, spectrum analysis, etc.







487 (L) ×238(W) ×124(H) mm<sup>3</sup>, 14kg



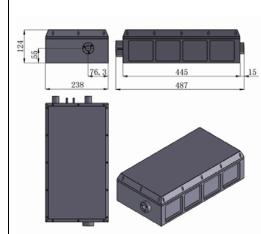
### SPECIFICATIONS

Wavelength (nm)	1319±1
Operating mode	CW
Output Power (W)	50~150
Ave power stability (rms,over 4 hours)	<3%, <5%
Warm-up time (minutes)	<10
Beam diameter at the aperture (mm)	~15.0
Beam height from base plate (mm)	55.0
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)



485 (L) ×325(W) ×46(H) mm<sup>3</sup>, 5.5kg

Water chiller

 $504 \text{ (L)} \times 624 \text{ (W)} \times 905 \text{ (H) mm}^3, 95 \text{ kg}$