

## **DATA SHEET**

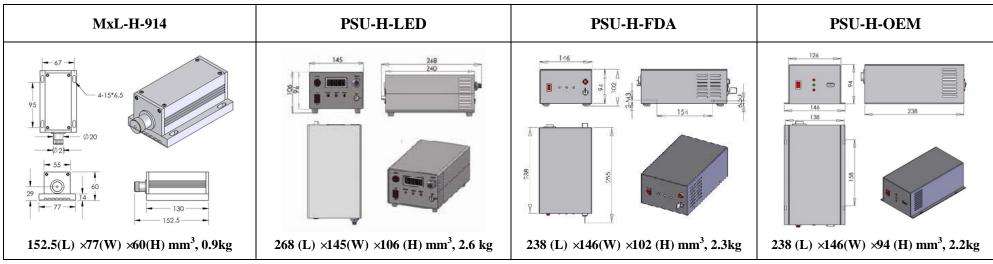
## LD PUMPED ALL-SOLID-STATE INFRAFED LASER AT 914nm

All solid state infrared laser at 914nm is made features of ultra-compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis.



Wavelength ( nm )	914 ±1
Output Power ( mW )	>500, 600,, 800
Transverse Mode	Near TEM <sub>00</sub>
Operating Mode	CW
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Warm-up time (minutes)	<10
M <sup>2</sup> factor	<2.0
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~3.0
Beam height from base plate (mm)	29
Polarization ratio	>100:1
Pointing stability after warm-up (mrad)	<0.05
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED PSU-H-FDA PSU-H-OEM
Expected lifetime (hours)	10,000
Warranty period	1 year

Model: MIL-H-914/500~800mW



http://www.ultralasers.com