

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech, Co., Ltd.

DATA SHEET

MLL-W-1342/4000~6000mW

LOW NOISE INFRARED LASER AT 1342nm

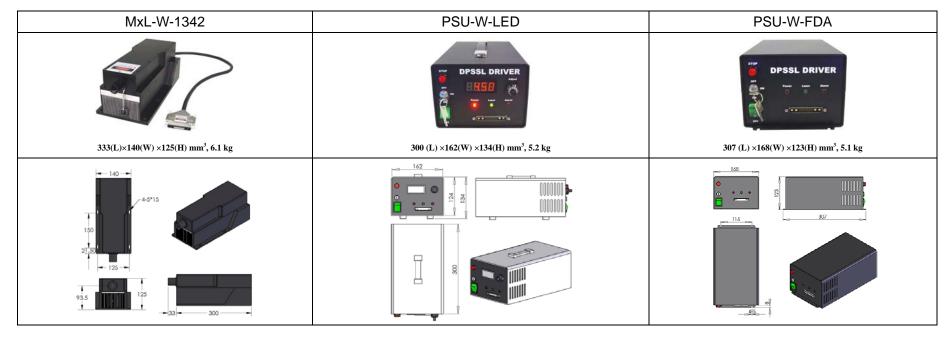
All solid state low noise infrared laser at 1342nm is made features of ultra compact, long lifetime, low cost and easy operating, which is used in scientific experiment, optical instrument, optical sensor, measurement, communication, spectrum analysis, etc.



Wavelength (nm)	1342 ± 1		
Output power (mW)	>4000, 4500, 5000,, 6000		
Transverse mode	Near TEM ₀₀		
Operating mode	CW		
Power stability (rms, over 4 hours)	<1%, <3%, <5%		
Noise of amplitude (rms, 1~20MHz)	<1%		
Warm-up time (minutes)	<10		
M ² factor	3.0~6.0		
Beam divergence, full angle (mrad)	<2.0		
Beam diameter at the aperture (mm)	~5.0		
Beam height from base plate (mm)	93.5		
Polarization ratio	>100:1		
Operating temperature (°C)	10~35	10~35	
Power supply (90-264VAC)	PSU-W-LED	PSU-W-FDA	
Expected lifetime (hours)	10000	10000	
Warranty period	1 year	1 year	







SPECIFICATIONS