

PDF DATA SHEET

EFORCEAUSTRALIA PTY.LTD ACN:159 503 401

MBL-H-473/200~500mW

LD PUMPED ALL-SOLID-STATE **BLUE LASER**

All solid state 473nm blue laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in experiment, fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.





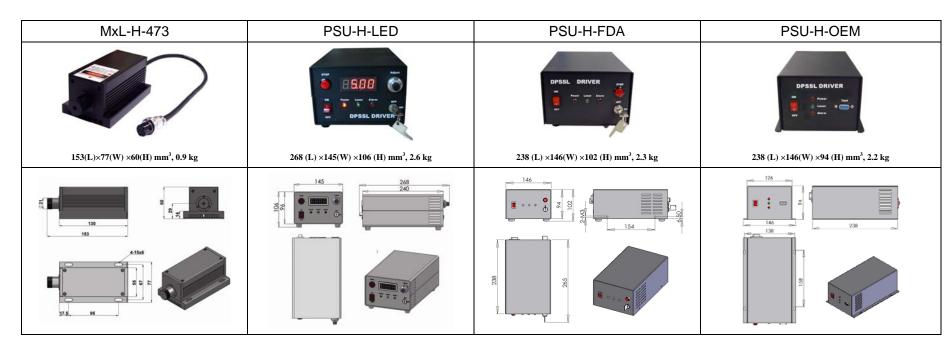


SPECIFICATIONS

Wavelength (nm)	473±1			
Output power (mW)	>200, 250, 300, 350,, 500			
Transverse mode	Near TEM ₀₁			
Operating mode	CW			
Power stability (rms, over 4 hours)	<3%, <5%, <10%			
Warm-up time (minutes)	<10			
M ² factor	<2.0			
Beam divergence, full angle (mrad)	<1.5			
Beam diameter at the aperture (mm)	~3.0			
Beam height from base plate (mm)	29			
Polarization ratio	>100:1			
Noise of amplitude (rms, 1~20MHz)	~30%			
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	
Modulation option	TTL on/off, 1Hz-1KHz, 1KH	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option		
Expected lifetime (hours)	10000			
Warranty period	1 year			







Website: http://www.eforcelaser.com.au E-mail: sales@eforcelaser.com.au Fax: 03-83954370