



MRL-FN-607/1~400mW



**LD PUMPED ALL-SOLID-STATE  
RED LASER AT 607nm**

DPSS red laser at 607nm is made features of ultra compact, long lifetime and easy operating, which is widely used in measurement, spectrum analysis as the substitute for He-Ne lasers.



**SPECIFICATIONS**

Wavelength (nm)	607±3	
Operating mode	CW	
Output power (mW)	>1, 10, 20, ..., 400	
Power stability (rms, over 4 hours)	<1%, <3%	
Transverse mode	TEM <sub>00</sub>	
M <sup>2</sup> factor	<1.2	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0	
Beam divergence, full angle (mrad)	<1.5	
Polarization ratio	>100:1 Horizontal ±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	27.4	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA
Expected lifetime (hours)	10000	
Warranty	1 year	



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MXL-FN-607	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm<sup>3</sup>, 1.36kg</p>	<p>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>236(L) ×145(W) ×104(H) mm<sup>3</sup>, 2.3 kg</p>