

Opto Engine LLC

Data sheet

Rev. 1812

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, ..., 200	>200, ..., 400
Power stability (rms, over 4 hours)	<3%, <5%, <10%	<5%, <10%
Transverse mode	TEM ₀₀	
M ² factor	<1.2	
Beam diameter at the aperture (1/e ² , 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.

MRL-FN-607	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm³, 1.36kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>236(L) ×145(W) ×104(H) mm³, 2.3 kg</p>