

MRL-FN-604/1~100mW



LD PUMPED ALL-SOLID-STATE LASER AT 604nm

All solid state 604nm red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Central wavelength (nm)	604 ± 1
Operating mode	CW
Output power (mW)	>1,10,20...400
Power stability (rms, over 4 hours)	<10%, <5%, <3%, <2%
Transverse mode	Near TEM ₀₀
M ² factor	<2.0
Beam diameter at the aperture (1/e ² , mm)	<1.5
Beam divergence, full angle (mrad)	<1.5
Polarization ratio	> 100:1 Vertical±5 degree (Horizontal Optional)
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	27.4
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR
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-604	PSU-H-LED	PSU-H-FDA
<p>197(L)×70(W)×50(H) mm³, 1.5 kg</p>	<p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	<p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>