



MRL-DP-639/1000~2000mW



**LD PUMPED ALL-SOLID-STATE
RED LASER AT 639nm**

All solid state 639nm red laser is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, and laser lighting show etc.



SPECIFICATIONS

Central wavelength (nm)	639 ± 1
Operating mode	CW
Output power (mW)	>1000, ...2000
Power stability (rms, over 4 hours)	<1%, <2%, <3%
Transverse mode	TEM ₀₀
M ² factor	<2.0
Beam diameter at the aperture (1/e ² , mm)	<2.0
Beam divergence, full angle (mrad)	<1.2
Warm-up time (minutes)	<10
Beam height from base plate (mm)	27.4
Cooled method	Water Cooled
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-DP
Expected lifetime (hours)	10000
Warranty	1 year



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

MRL-DP-639	PSU-DP	Water Chiller(WCH-600)
<p>174.5(L)×100(W)×55(H) mm³, 1.8kg</p>	<p>326(L) ×292(W) ×148 (H) mm³, 4.9 kg</p>	<p>270(L) ×320(W) ×330(H) mm³, 18 kg</p>