

MGL-FN-577/1~1200mW



LD PUMPED ALL-SOLID-STATE YELLOW LASER AT 577nm

All solid state 577 nm yellow laser is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in collimation, laser medical treatment, scientific experiment, optical instrument, etc.



SPECIFICATIONS

Wavelength (nm)	577 ±2	
Operating mode	CW	
Output power (mW)	>1, 5, 10, 20, ..., 500	500, 600, 700, ..., 1200
Power stability (rms, over 4 hours)	<1%, <2%, <3%, <5%	<2%, <3%, <5%
Transverse mode	TEM ₀₀	Near TEM ₀₀
M ² factor	<1.5	<3.0
Beam diameter at the aperture (1/e ² , mm)	<2.5	~3.5
Beam divergence, full angle (mrad)	<1.5	
Beam height from base plate (mm)	27.4	
Polarization ratio	>100:1 Horizontal ±5 degree (Vertical Optional)	
Warm-up time (minutes)	<10	
Pointing stability after warm-up (mrad)	<0.05	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz; and Analog modulation option	
Expected lifetime (hours)	10000	
Warranty	1 year	



Note: The system include the laser and the heatsink.

MGL-FN-577	PSU-H-LED	TC-01 Heatsink	Driver
<p>197(L)×70(W)×50(H) mm³, 2.0 kg</p>	<p>277 (L) ×145 (W) ×106 (H) mm³, 2.6 kg</p>	<p>197(L)×117.5(W) ×57.3(H) mm³, 1.6 kg</p>	<p>277(L) ×145(W) ×106(H) mm³, 2.6 kg</p>