

MGL-FN-577/600~1200mW



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)	>600,700,...,1200
Power stability (rms, over 4 hours)	<2%, <3%, <5%
Transverse mode	Multimode
Beam diameter at the aperture (1/e ² , mm)	~2.0
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
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty	1 year



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

MGL-FN-577	PSU-H-LED	PSU-H-FDA	PSU-SR
<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>	<p>188(L) ×145(W) ×83(H) mm³, 2kg</p>