



MGL-FN-545/1~20mW

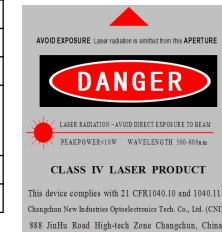


LD PUMPED ALL-SOLID-STATE GREEN LASER AT 545nm

All solid state 545nm green 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)	545±1
Operating mode	CW
Output power (mW)	>1, 2, ..., 20
Power stability (rms, over 4 hours)	<5%, <10%
Transverse mode	Near TEM ₀₀
M ² factor	<1.5
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	>50:1 (Vertical Optional)
Warm-up time (minutes)	<10
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.



MGL-FN-545	PSU-H-LED	PSU-H-FDA	PSU-SR
<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>275(L) × 145(W) × 104(H) mm³, 2.3 kg</p>	<p>188(L) × 145(W) × 83(H) mm³, 2kg</p>