

## DATA SHEET

### LD PUMPED ALL-SOLID-STATE GREEN LASER AT 526.5nm

All-solid-state 526.5nm green 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.



Wavelength ( nm )	526.5 ± 1nm		
Output Power ( mW )	>300, 400, 500, ..., 1000		
Transverse Mode	Near TEM <sub>00</sub>		
Operating Mode	CW		
Power stability (rms, over 4 hours)	<5%, 10%		
Warm-up time (minutes)	<10		
M <sup>2</sup> factor	3.0~5.0		
Beam divergence, full angle (mrad)	<1.5		
Beam diameter at the aperture (mm)	~3.0		
Beam height from base plate (mm)	68.2		
Polarization ratio	>100:1		
Operating temperature (°C)	10~35		
Power supply (90-264VAC)	PSU-H-LED	PSU-H-FDA	PSU-H-OEM
Expected lifetime (hours)	10,000		
Warranty period	1 year		

MGL-N-526.5	PSU-H-LED	PSU-H-FDA	PSU-N-OEM
<p>240(L) × 99(W) × 68.2(H) mm<sup>3</sup>, 2.6kg</p>	<p>268 (L) × 145(W) × 106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>238 (L) × 146(W) × 102 (H) mm<sup>3</sup>, 2.3kg</p>	<p>215 (L) × 129 (W) × 122 (H) mm<sup>3</sup>, 2.5 kg</p>