

# Opto Engine LLC

## Data sheet

Rev. 2102

MGL-FN-552/1~300mW



### LD PUMPED ALL-SOLID-STATE GREEN LASER

DPSS green laser at 552nm is made features of ultra compact, long lifetime and easy operating, which is used in measurement, medical treatment, scientific research, etc.



#### SPECIFICATIONS

Wavelength (nm)	552±1
Operating mode	CW
Output power (mW)	>10,50,100,.....300
Power stability (rms, over 4 hours)	<3%, <5%, <10%
Transverse mode	Near TEM <sub>00</sub>
Beam divergence, full angle (mrad)	<2
Beam diameter at the aperture (mm)	~2
Beam height from base plate (mm)	27.4
Warm-up time (minutes)	<10
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED PSU-SR
Expected lifetime (hours)	10000
Warranty period	1 year



MGL-FN-552	PSU-H-LED	PSU-H-FDA	PSU-SR
<p>197(L)×70(W)×50(H) mm<sup>3</sup>, 1.36kg</p>	<p>277 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	<p>236(L) ×145(W) ×104(H) mm<sup>3</sup>, 2.3 kg</p>	<p>188(L) ×145(W) ×83(H) mm<sup>3</sup>, 2kg</p>