

### OEM-F-520/1-1000mW

### GREEN LASER MODULE AT 520 nm

Green laser module at 520 nm is made features of ultra compact, long lifetime, and easy operating, which can be widely used in laser projection, laser shows, biomedical applications, holography, metrology. etc.



### SPECIFICATIONS

Wavelength (nm)	520±5
Operating mode	CW
Output power (mW)	>100, 500, ..., 1000
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%
Transverse mode	Multimode
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~3.0×3.0
Beam divergence, half angle (mrad)	<0.7×0.1
Warm-up time (minutes)	<5
Beam height from base plate (mm)	25 (OEM-F-520) / 45(F-520-HS)
Operating temperature (°C)	25+/-3 (OEM-F-520) / 10-35 (F-520-HS)
Power supply	PSU-SD-OEM
TTL / Analog modulation	TTL or Analog with 1Hz-1KHz 1KHz-10KHz, 10KHz-30KHz optional
Expected lifetime (hours)	10000
Warranty	1 year



OEM-F-520	F-520-HS	PSU-SD-OEM	Adapter (6.5VDC)
<p>111 (L) × 58(W) × 45 (H) mm<sup>3</sup>, 0.7kg</p>	<p>138 (L) × 77(W) × 65 (H) mm<sup>3</sup>, 1kg</p>	<p>90.5 (L) × 47(W) × 56(H) mm<sup>3</sup>, 0.3kg</p>	<p>99 (L) × 82(W) × 35(H) mm<sup>3</sup>, 0.3kg</p>