

OEM-F-520/1-1000mW



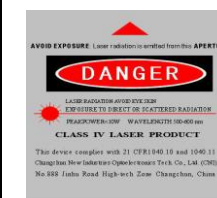
OEM GREEN DIODE LASER  
AT 520nm

OEM green diode laser at 520nm is made features of ultra compact, long lifetime, cost-effectiveness and easy operating, which is 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)	~1.5×3.5
Beam divergence, full angle (mrad)	<2.5×0.2
Warm-up time (minutes)	<5
Beam height from base plate (mm)	25
Operating temperature (°C)	25+/-3
Driver (8VDC 7A)	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	PSU-SD-OEM	Accessory (Power supply 100-240VAC)
<p>146 (L) ×58(W) ×45 (H) mm<sup>3</sup>, 0.7kg</p>	<p>90.5 (L) ×47(W) ×56(H) mm<sup>3</sup>, 0.3kg</p>	<p>120 (L) ×60(W) ×37(H) mm<sup>3</sup>, 0.3kg</p>