

F-520-HS-OEM/1-800mW



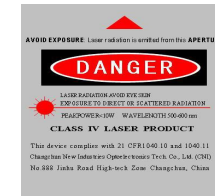
OEM GREEN DIODE LASER
AT 520nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in laser projection, laser shows, biomedical applications, holography, metrology, etc.



SPECIFICATIONS

Central wavelength (nm)	520±10
Operating mode	CW
Output power (mW)	>1, 100, ..., 800
Power stability (rms, over 4 hours) at 25°C	<1%, <2%, <3% (<0.5%, optional)
Transverse mode	Multimode
Beam diameter at the aperture (1/e ² , 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



Note: The laser head needs to be used on a heat sink with good heat dissipation.

F-520-HS-OEM	PSU-SD-OEM	Accessory (Power supply 100-240VAC)
<p>146 (L) × 58(W) × 45 (H) mm³, 0.7kg</p>	<p>90.5 (L) × 47(W) × 56(H) mm³, 0.3kg</p>	<p>120 (L) × 60(W) × 37(H) mm³, 0.3kg</p>