

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.

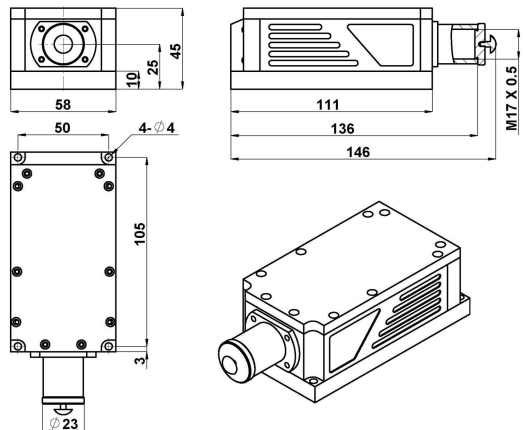
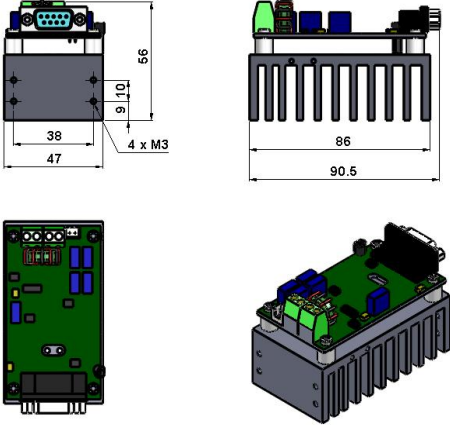
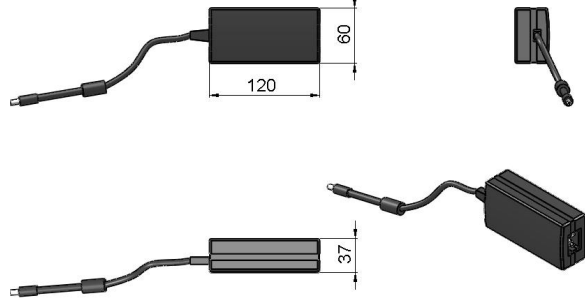


SPECIFICATIONS

Central wavelength (nm)	520±10
Operating mode	CW
Output power (mW)	>1, 100, ..., 800
Power stability (rms, over 4 hours) at 25°C	<3%, <2%, <1%, <0.5%
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
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation 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) 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>