

OEM-F-520/1-800mW

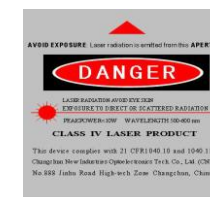
SPECIFICATIONS

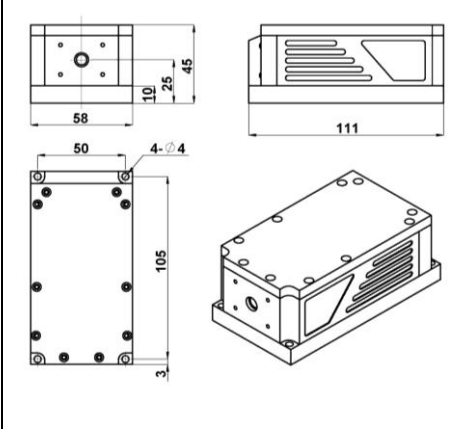
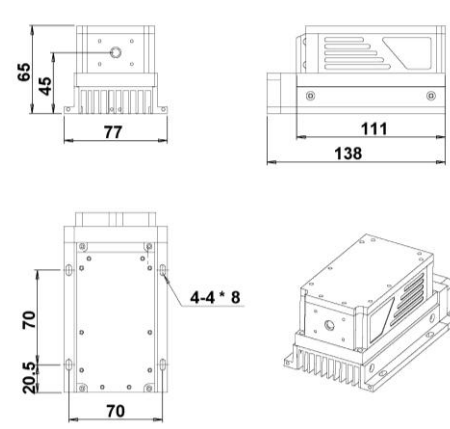
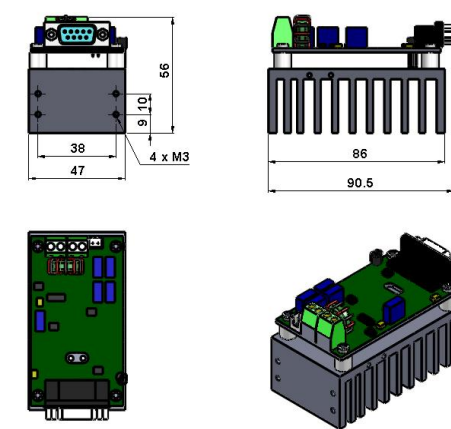
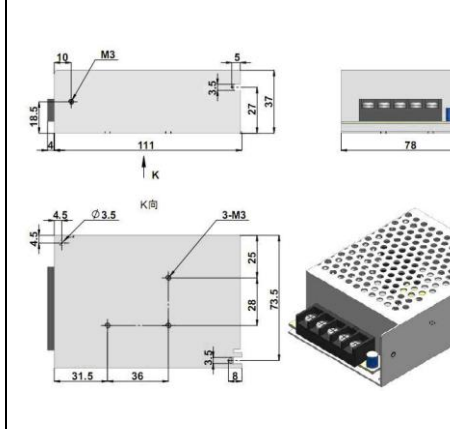
OEM GREEN DIODE LASER  
AT 520nm

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.



Wavelength (nm)	520±10
Operating mode	CW
Output power (mW)	>1, 100, 500, ..., 800
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, half angle (mrad)	<1.3×0.1
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 (8VDC 5A)
 <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>, 1.0kg</p>	 <p>90.5 (L) × 47 (W) × 56 (H) mm<sup>3</sup>, 0.3kg</p>	 <p>115 (L) × 78 (W) × 37 (H) mm<sup>3</sup>, 0.3kg</p>