

MDL-E-520/1~10mW



**NARROW LINEWIDTH  
DIODE LASER AT 520 nm**

It features a narrow spectral linewidth, stable wavelength, long lifetime and easy operation. They are widely used in precision measurement, high resolution spectrum analysis, etc.

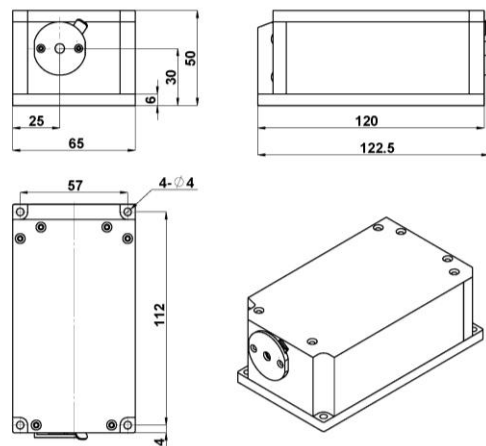


SPECIFICATIONS

Central wavelength (nm)	520±5
Operating mode	CW
Output power (mW)	>1, 2, 3, ...,10
Power stability (rms, over 4 hours)	<1%, <3%, <5%
Transverse mode	Near TEM <sub>00</sub>
Spectral linewidth (nm)	<0.06 (<0.03, optional)
M <sup>2</sup> factor	<1.5
Beam diameter at the aperture (1/e <sup>2</sup> ,mm)	~3.0
Beam divergence, full angle (mrad)	<1.0
Polarization ratio	>50:1 (>100:1, optional) Horizontal±5 degree (Vertical Optional)
Warm-up time (minutes)	<5
Beam height from base plate (mm)	30
Operating temperature (°C)	20~30
Power supply (85-264VAC)	PSU-III-FDA
Expected lifetime (hours)	10000
Warranty	1 year

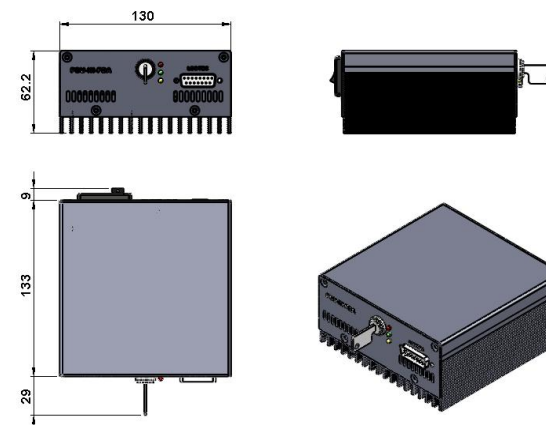


MDL-E-520



122.5(L) ×65(W) ×50 (H) mm<sup>3</sup>, 1.0kg

PSU-III-FDA



171(L) ×130(W) ×62.2 (H) mm<sup>3</sup>, 1.2kg