

F-520-HS/1-800mW



**GREEN DIODE LASER
AT 520nm**

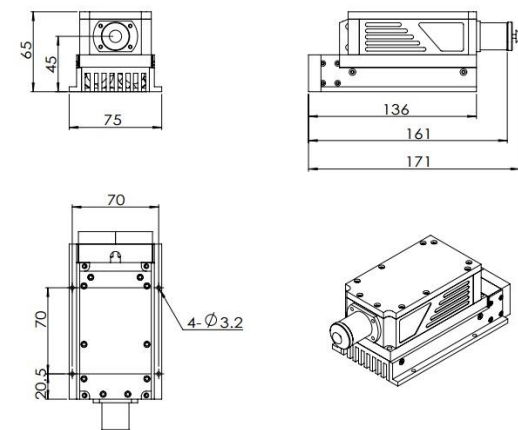
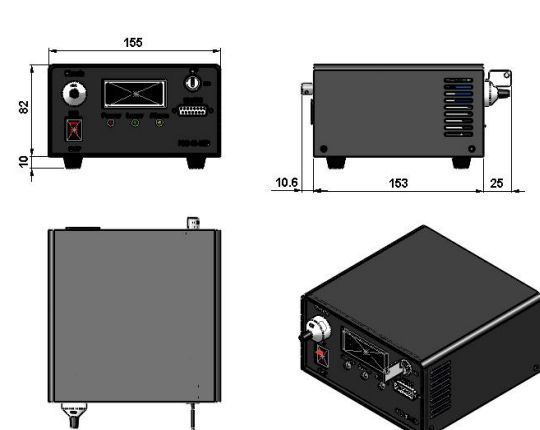
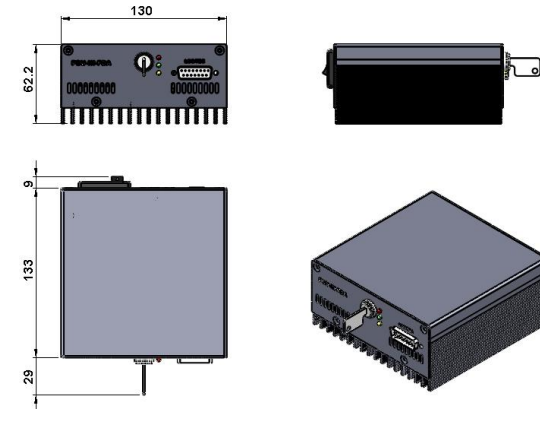
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in laser projection, laser shows, biomedical applications, holography, metrology. etc.



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 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)	45	
Operating temperature (°C)	10-35	
Power supply (85-264VAC)	PSU-III-LED	PSU-III-FDA
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



F-520-HS	PSU-III-LED	PSU-III-FDA
 <p>171 (L) × 75 (W) × 65 (H) mm³, 1.0kg</p>	 <p>188.6 (L) × 155 (W) × 92 (H) mm³, 1.5kg</p>	 <p>171 (L) × 130 (W) × 62.2 (H) mm³, 1.2kg</p>