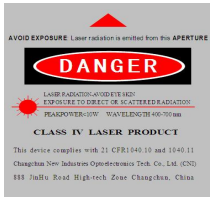
MLL-III-520/1~800mW

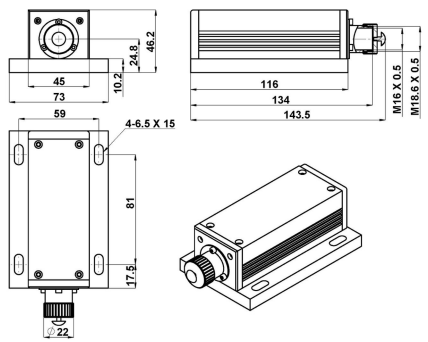
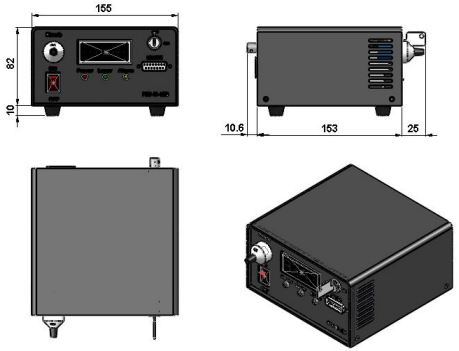
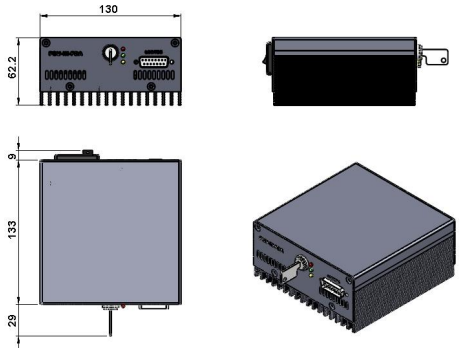
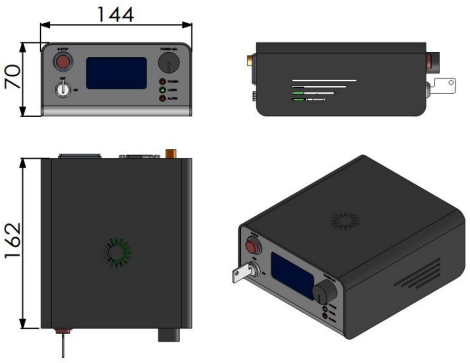
LOW NOISE GREEN DIODE LASER AT 520 nm

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, 200, …, 800
Power stability (rms, over 4 hours)		<3%, <2%, <1%, <0.5%
Transverse mode		Multimode
Noise of amplitude(rms,20Hz~20MHz)		<1%
Beam diameter at the aperture ((1/e^2,mm)		~1.0×3.0
Beam divergence, full angle (mrad)		<4.0×0.5
Warm-up time (minutes)		<5
Beam height from base plate (mm)		24.8
Operating temperature (℃)		10~35
Power supply (85-264VAC)	85-264VAC	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz)
	100-240VAC	PSU-A-D (Frequency for 30kHz -100kHz)
Modulation optional		TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz; and Analog modulation optional
Expected lifetime (hours)		10000
Warranty		1 year



MLL-III-520	PSU-III-LED	PSU-III-FDA	PSU-A-D
			
143.5(L)×73(W) ×46. 2(H) mm^3, 0.7kg	188.6 (L) ×155(W) ×92 (H) mm^3, 1.5kg	171(L) ×130(W) ×62.2 (H) mm^3, 1.2kg	162(L) ×144(W) ×70 (H) mm^3, 1.0kg

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