

MLL-III-635/1~1000mW



LOW NOISE RED DIODE LASER AT 635nm

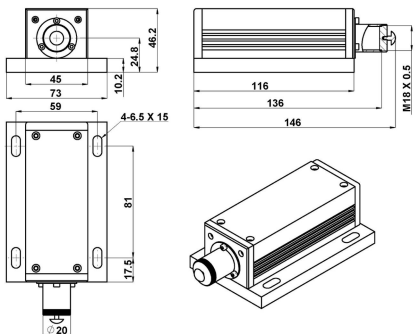
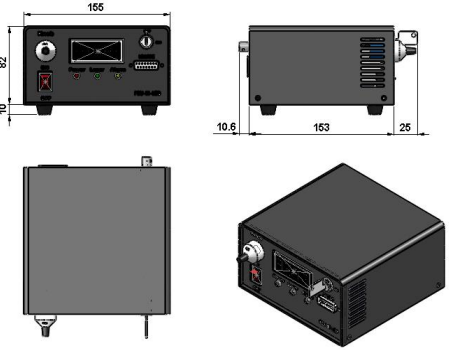
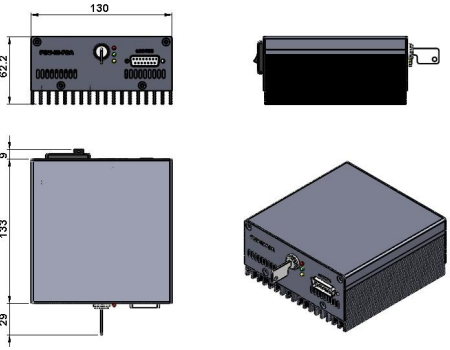
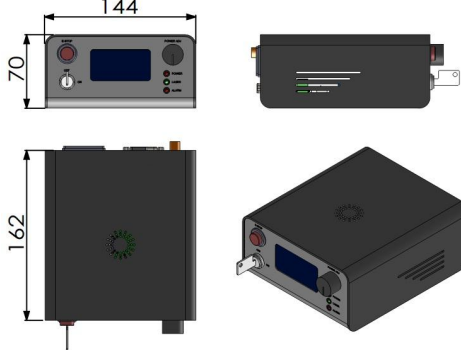
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in measurement, spectrum analysis, laser lighting show, etc.



SPECIFICATIONS

Central wavelength (nm)	635±10
Operating mode	CW
Output power (mW)	>1,100, 200, ... , 1000
Power stability (rms, over 4 hours)	<1%, <2%, <3% (<0.5%, optional)
Transverse mode	Multimode
Noise of amplitude (rms, 20Hz~20MHz)	<1%
Beam diameter at the aperture (mm)	~5×8
Beam divergence, full angle (mrad)	<3.0
Warm-up time (minutes)	<5
Beam height from base plate (mm)	24.8
Operating temperature (°C)	10~35
Power supply	85-264VAC 100-240VAC
	PSU-III-LED/ PSU-III-FDA (Frequency for 1Hz-30kHz) PSU-A-D (Frequency for 30kHz -100kHz)
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz, 30kHz-100kHz optional
Expected lifetime (hours)	10000
Warranty	1 year



MLL-III-635	PSU-III-LED	PSU-III-FDA	PSU-A-D
 146 (L) ×73(W) ×46.2 (H) mm³, 0.7kg	 188.6 (L) ×155(W) ×92 (H) mm³, 1.5kg	 171(L) ×130(W) ×62.2 (H) mm³, 1.2kg	 162(L) ×144(W) ×70 (H) mm³, 1.0kg