

MDL-F-1850/1~700mW



**INFRARED DIODE LASER  
AT 1850nm**

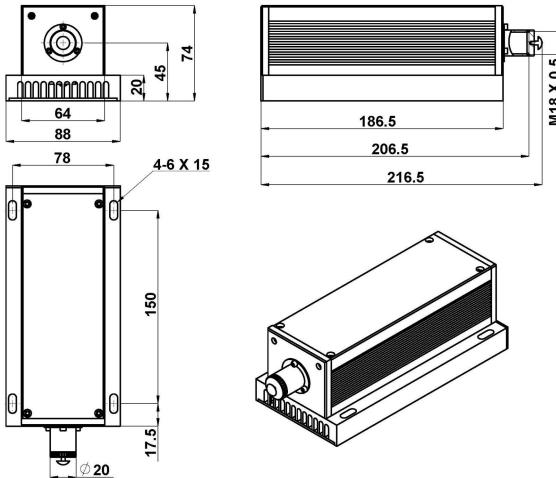
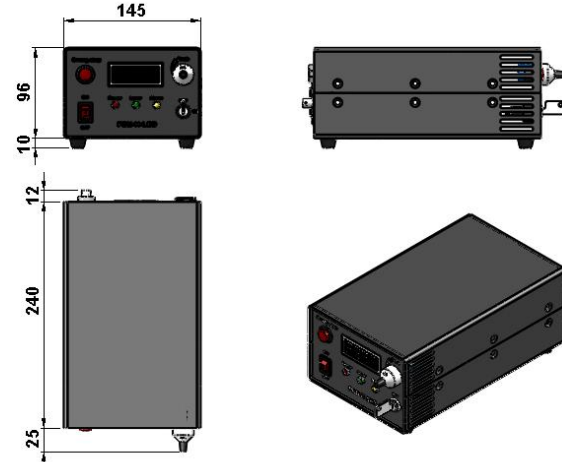
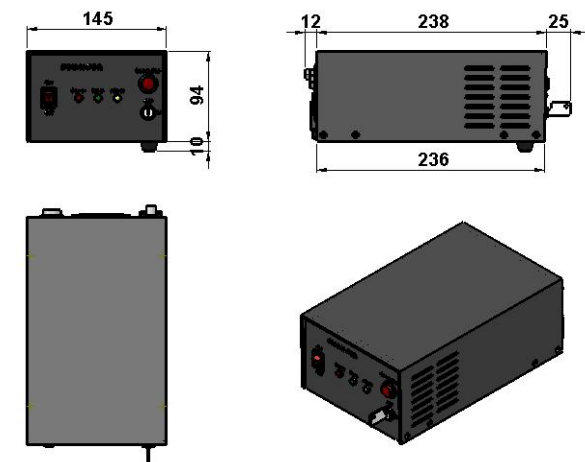
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc.



SPECIFICATIONS

Central wavelength (nm)	1850±30	
Operating mode	CW	
Output power (mW)	>>1, 100, 200, ... , 700	
Power stability (rms, over 4 hours)	<3%, <2%, <1%	
Transverse mode	Multimode	
Dimensions of beam at the aperture (mm)	~5×8	
Beam divergence, full angle (mrad)	<3. 0	
Warm-up time (minutes)	<5	
Beam height from base plate (mm)	45	
Operating temperature (°C)	10~35	
Power supply (100-240VAC)	PSU-H-LED	PSU-H-FDA
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz; and Analog modulation optional	
Expected lifetime (hours)	10000	
Warranty	1 year	



MDL-F-1850	PSU-H-LED	PSU-H-FDA
 <p>216.5 (L) × 88(W) × 74 (H) mm<sup>3</sup>, 1.4kg</p>	 <p>277 (L) × 145(W) × 106(H) mm<sup>3</sup>, 2.3kg</p>	 <p>275 (L) × 145(W) × 104(H) mm<sup>3</sup>, 2.1kg</p>