

MDL-HD-650/1500~3000mW



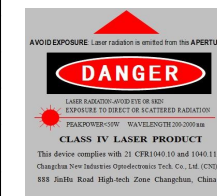
RED DIODE LASER AT 650nm

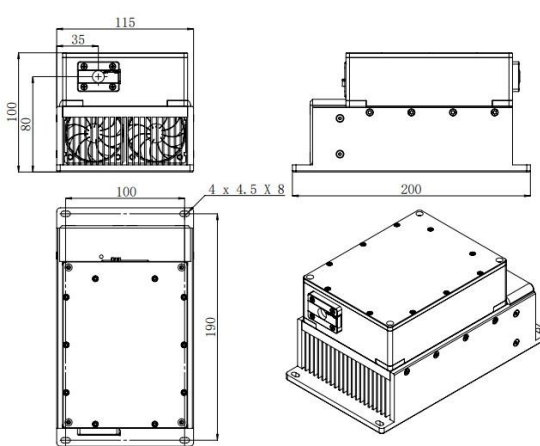
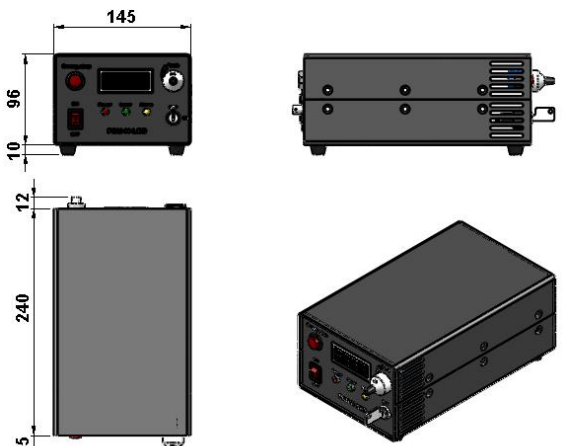
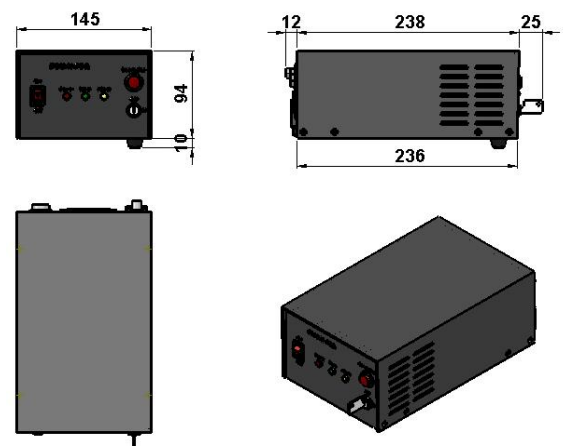
It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are widely used in laser projection, laser shows, biomedical applications, holography, metrology, etc.



SPECIFICATIONS

Central wavelength (nm)	650±12
Operating mode	CW
Output power (mW)	1500- 3000
Power stability (rms, over 4 hours)	<2%, <1%, <0.5%
Transverse mode	Multimode
Polarization direction	Horizontal+ Vertical
Beam diameter at the aperture (1/e ² ,mm)	~6.7×7.2
Beam divergence, full angle (mrad)	~2.5×2.5
Warm-up time (minutes)	<5
Beam height from base plate (mm)	80
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-HD-650	PSU-H-LED	PSU-H-FDA
 200 (L)×115 (W) ×100 (H) mm³, 3.0kg	 277 (L) ×145(W) ×106(H) mm³, 2.3kg	 275 (L) ×145(W) ×104(H) mm³, 2.1kg