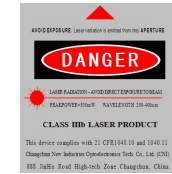


MRL-F series



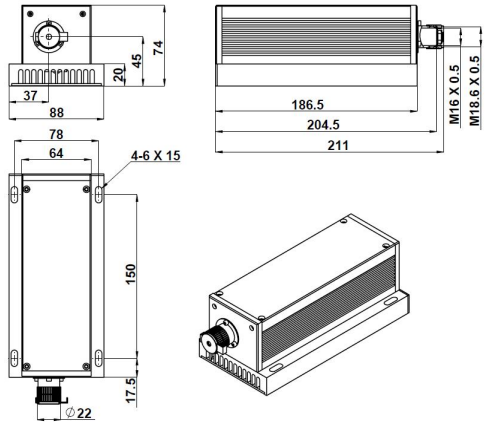
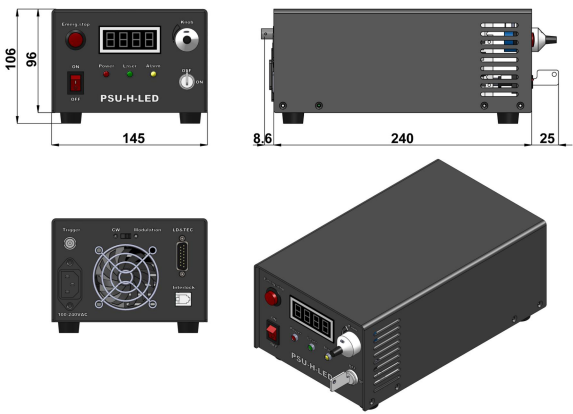
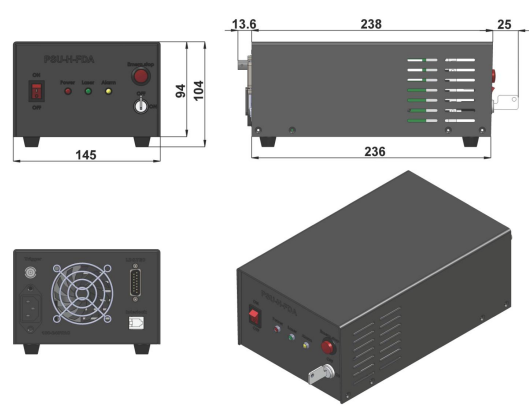
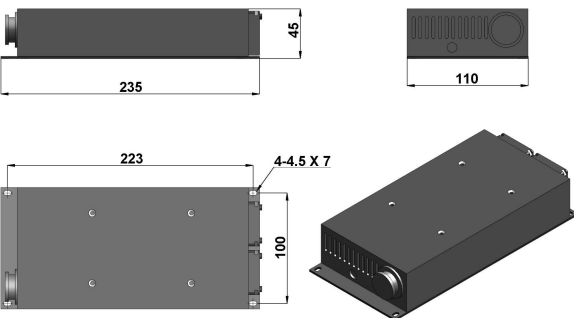
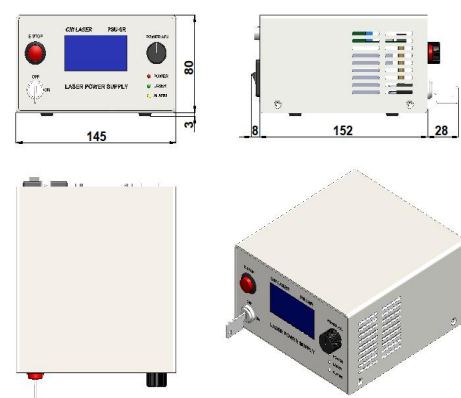
LD PUMPED ALL-SOLID-STATE LASER

All solid state laser is made features of ultra compact, long lifetime, low cost and easy operating, which is used in fluorescence sensors, Raman spectrum, laser printing, holography, laser display, submarine communication, biomedicine, laser lighting show, etc.



SPECIFICATIONS

Part number	MRL-F-671
Wavelength (nm)	671±1
Operating mode	CW
Output power (mW)	1-1500
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Transverse mode	TEM ₀₀
M ² factor	<1.5
Beam diameter at the aperture (1/e ² , mm)	<2.5
Beam divergence, full angle (mrad)	<2.0
Polarization Ratio	>100:1, Vertical (Horizontal Optional)
Warm-up time (minutes)	<5
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	45
Operating Temperature (°C)	10-35
Modulation optional	TTL on/off, 1Hz-1kHz, 1kHz-10kHz, 10kHz-30kHz, and Analog modulation optional
Power supply (90-264VAC)	PSU-H-LED/ PSU-H-FDA/ PSU-H-OEM/ PSU-SR
Expected lifetime (hours)	10000
Warranty	1 year

LASER HEAD	POWER SUPPLY (PSU-H-LED)	POWER SUPPLY (PSU-H-FDA)
 <p style="text-align: center;">211(L) × 88(W) × 74(H) mm³, 1.6 kg</p>	 <p style="text-align: center;">273.6(L) × 145(W) × 106(H) mm³, 2.3 kg</p>	 <p style="text-align: center;">276.6(L) × 145(W) × 103.6(H) mm³, 2.3 kg</p>
POWER SUPPLY (PSU-H-OEM)	POWER SUPPLY (PSU-SR)	
 <p style="text-align: center;">235(L) × 110(W) × 45(H) mm³, 1.1kg</p>	 <p style="text-align: center;">188(L) × 145(W) × 83(H) mm³, 1.2kg</p>	