

MBL-FN-473/300-1000mW



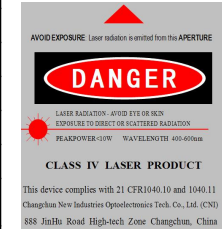
**LD PUMPED ALL-SOLID-STATE
BLUE LASER AT 473nm**

All solid state 473nm laser is made features of high stability, ultra compact, long lifetime, cost-effectiveness and easy operating, which is used in fluorescence sensors, Raman spectrum, holography, chip inspection, physics experiments, etc.

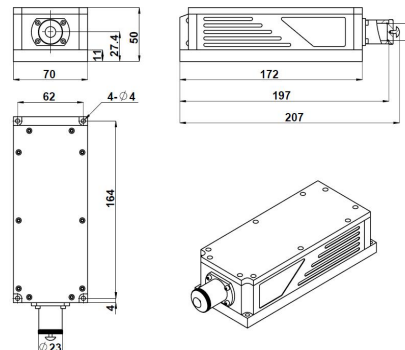
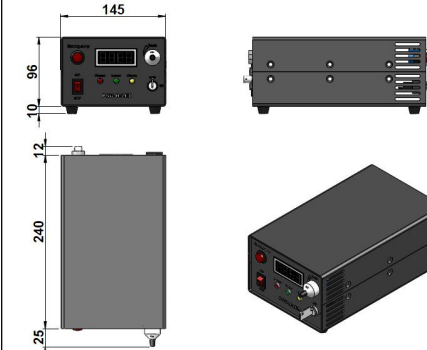
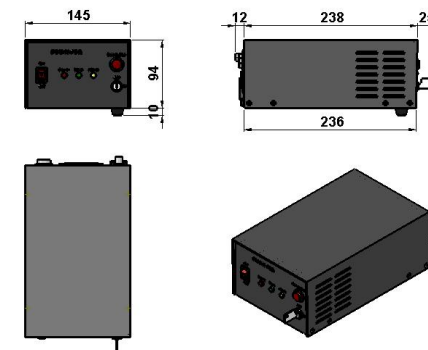
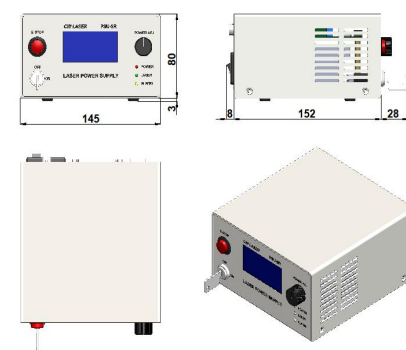


SPECIFICATIONS

Central wavelength (nm)	473±1
Operating mode	CW
Output power (mW)	>300, 400, 500, ... ,1000
Power stability (rms, over 4 hours) at 25°C	<2%, <3%, <5%
Transverse mode	Near TEM ₀₀
M ² factor	<1.5
Beam diameter at the aperture (1/e ² , mm)	~3.0
Beam divergence, full angle (mrad)	<1.5
Polarization ratio	>100:1 Vertical±5 degree (Horizontal Optional)
Warm-up time (minutes)	<10
Pointing stability after warm-up (mrad)	<0.05
Beam height from base plate (mm)	27.4
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED/PSU-H-FDA/PSU-SR
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	10000
Warranty	1 year



Note: The laser head needs to be used on a heat sink with good heat dissipation.

MBL-FN-473	PSU-H-LED	PSU-H-FDA	PSU-SR
 <p>197(L)×70(W)×50(H) mm³, 1.5 kg</p>	 <p>277 (L) ×145(W) ×106 (H) mm³, 2.6 kg</p>	 <p>275(L) ×145(W) ×104(H) mm³, 2.3 kg</p>	 <p>188(L) ×145(W) ×83(H) mm³, 1.2kg</p>