

EL-1064-OEMS/ 160μJ/2000mW



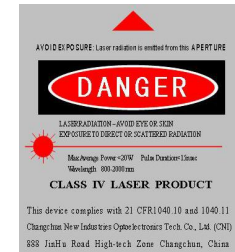
EL SERIES 1064NM LASER SOURCE FOR LASER MARKING

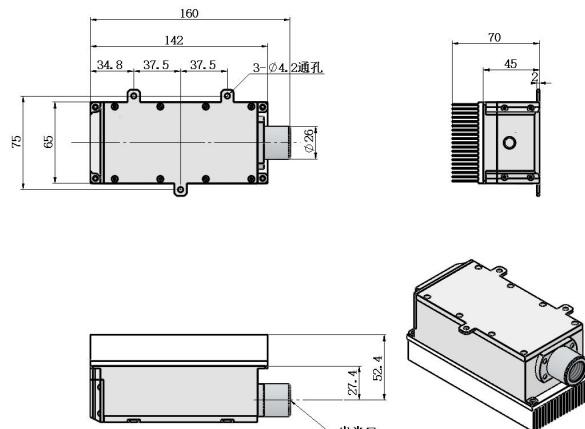
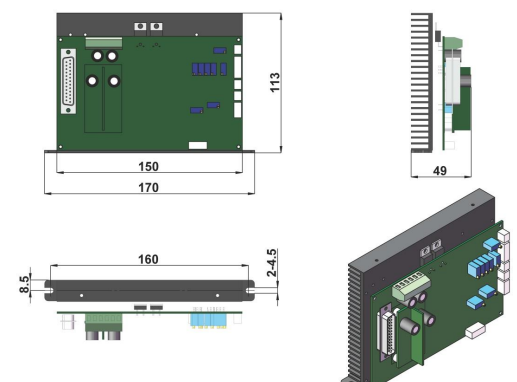
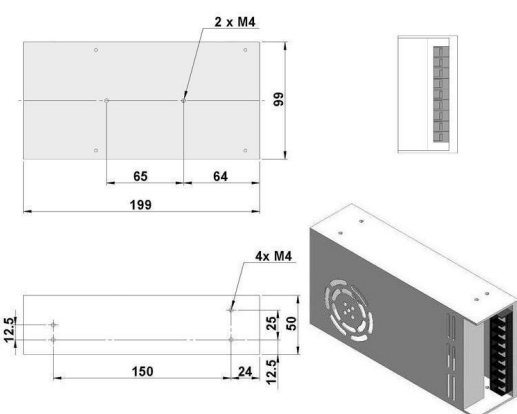
EL-1064nm series laser has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in laser marking, engraving on the diamond, metal, Steel, IC, Plastics, and also in scientific research.



SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Passively Q-switched
Average power (mW)	>2000
Single pulse energy (μJ)	~160
Pulse duration (ns)	~3
Rep. rate (kHz)	1~15kHz
Power stability (over 8 hours)	<1%, <2%, <3%, <5%
Transverse mode	TEM ₀₀
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² , mm)	~3.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	52.4
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-OEM-W (switching power supply 12V/25A DC, choosed)
Cooling system	Air
Expected lifetime (hours)	20000
Warranty period	1 year



EL-1064-OEMS	PSU-OEM-W	Switching Power Supply
 <p>160 (L) × 65 (W) × 70 (H) mm³, 1.2 kg</p>	 <p>170 (L) × 113 (W) × 49 (H) mm³, 0.57 kg</p>	 <p>12VDC 25A: 199 (L) × 99 (W) × 50 (H) mm³, 0.9 kg</p>