



EL-1064/ 200μJ/3000mW



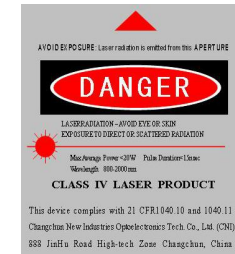
**EL SERIES 1064NM LASER
SOURCE FOR LASER MARKING**

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)	>3000	
Single pulse energy (μJ)	~200	
Pulse duration (ns)	3~5	
Peak power (kW)	~60	
Rep. rate (kHz)	1~15kHz, Suitable for the applications of needing high peak power.	
Power stability (over 8 hours)	<5%, <3%, <2%, <1%	
Transverse mode	TEM ₀₀	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e ² , mm)	~2.0	
Pilot light	<5mW@650nm	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	68.5	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-OEM-W
Cooling system	Air	



EL-1064 (N)	PSU-H-LED	PSU-OEM-W
<p>247 (L) × 99 (W) × 94 (H) mm³, 2.6 kg</p>	<p>277 (L) × 145 (W) × 106 (H) mm³, 2.6 kg</p>	<p>172(L) × 140.5 (W) × 55 (H) mm³</p>