

EL-532/ 80~100μJ/3000mW



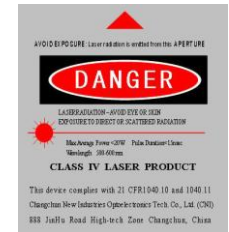
EL SERIES 532NM LASER SOURCE FOR LASER MARKING

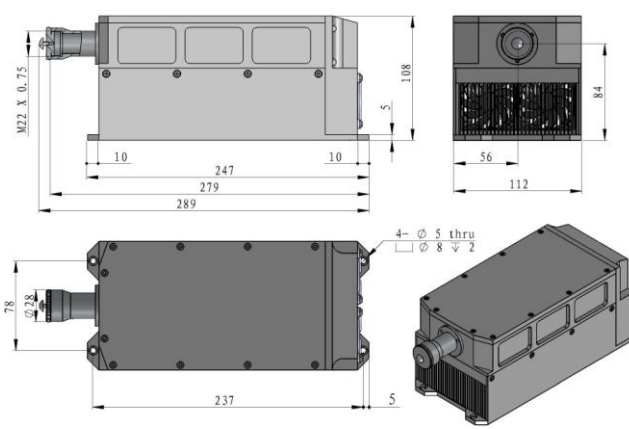
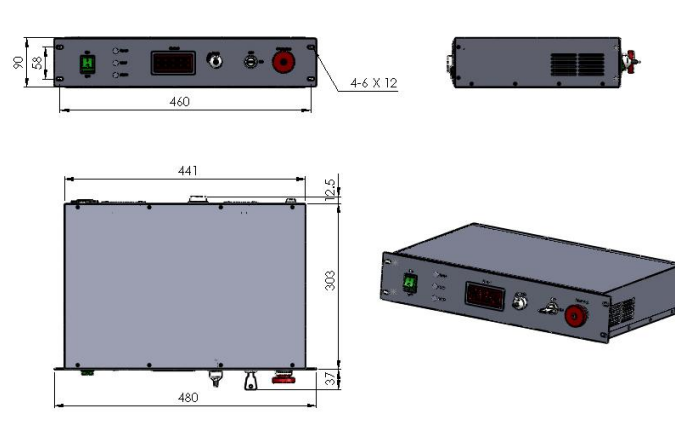
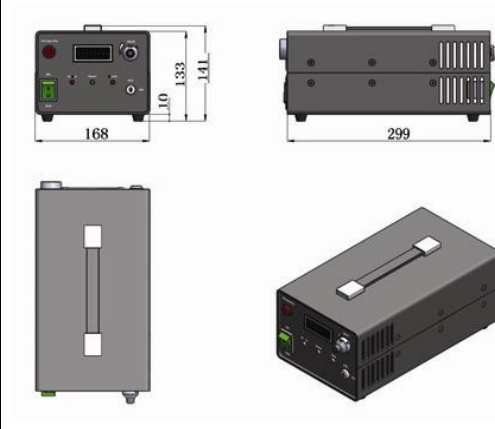
EL-532nm series laser has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in laser marking, engraving on the diamond, metal, Steel, IC, Plastics, and also in scientific research.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	Passively Q-switched	
Average power (mW)	>3000	
Single pulse energy (μJ)	100~150	
Pulse duration (ns)	~5	
Peak power (kW)	16~20	
Rep. rate (kHz)	20~30kHz, Suitable for the applications of needing high peak power	
Power stability (over 8 hours)	<1%, <3%, <5%	
Transverse mode	TEM ₀₀	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e ² ,mm)	~1.5	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	84	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-AOM-S(2U)	PSU-W-LED(B)
Cooling system	Air	
Expected lifetime (hours)	20000	
Warranty period	1 year	
Pilot light	<5mW@650nm	



EL-532 (SW)	PSU-AOW-S(2U)	PSU-W-LED(B)
 <p>289(L)×112(W) ×108(H) mm³, 3.9kg</p>	 <p>480(L)×352.5(W) ×90(H) mm³, 7.0 kg</p>	 <p>299(L)×168(W) ×141(H) mm³, 5.2 kg</p>