

EL-532/ 40~100μJ/1500mW



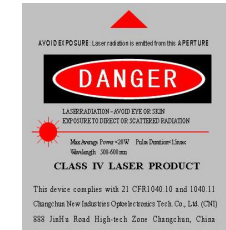
EL SERIES 532NM LASER SOURCE FOR LASER MARKING

EL-532nm series laser has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking and sub-engraving with glass, crystal and other transparent materials.

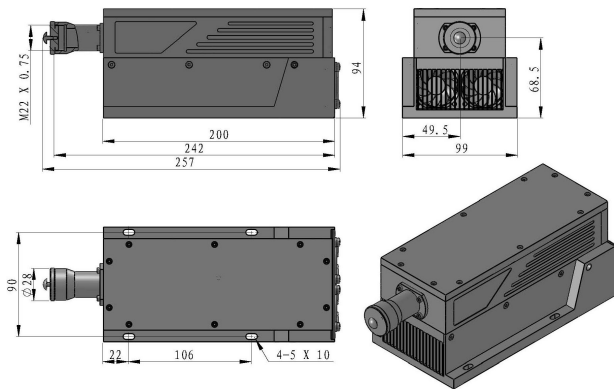


SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	Passively Q-switched	
Average power (mW)	>1500	
Single pulse energy (μJ)	40~100	
Pulse duration (ns)	~5	
Peak power (kW)	8~20	
Rep. rate (kHz)	5~15kHz, Suitable for the applications of needing high peak power	
Power stability (over 4 hours)	<5%, <10%	
Transverse mode	Near 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)	68.5	
Operating temperature (°C)	10~35	
Power supply (90-264VAC)	PSU-H-LED	PSU-AOW-S(2U)
Cooling system	Air	
Expected lifetime (hours)	20000	
Warranty period	1 year	

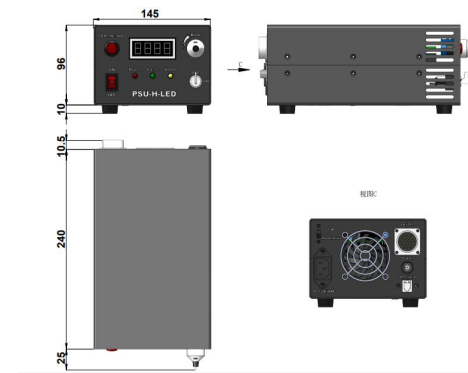


EL-532(N)



257 (L) × 99 (W) × 94 (H) mm³, 2.6 kg

PSU-H-LED(B)



240 (L) × 145 (W) × 106 (H) mm³, 2.1 kg