

EL-532/2000mW

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	Q-switched	
Max average power (mW)	>2000	
Single pulse energy (μJ)	1~100μJ	
Pulse duration (ns)	~5	
Peak power (kW)	1-20	
Rep. rate (kHz)	25-30kHz, Suitable for the applications of needing high peak power.	
Power stability (over 8 hours)	<1%, <3%, <5%	
Transverse mode	TEM ₀₀	
M ² factor	<1.2	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~2.0	
Operating temperature (°C)	10~35	
Beam height from base plate (mm)	84	
Power supply (90-264VAC)	PSU-AOM-S(2U)	PSU-W-LED(B)
Expected lifetime (hours)	20000	
Warranty period	1 year	
Pilot light	<5mW@650nm	



EL-532 (SW)	PSU-AOW-S(2U)	PSU-W-LED(B)
 <p>279(L)×112(W)×108(H) mm³, 3.9kg</p>	 <p>480(L)×302(W)×90(H) mm³, 10.7kg</p>	 <p>299(L)×168(W)×141(H) mm³, 10.7kg</p>
		