

EL-532/1000mW

## EL SERIES 532NM LASER SOURCE FOR LASER MARKING


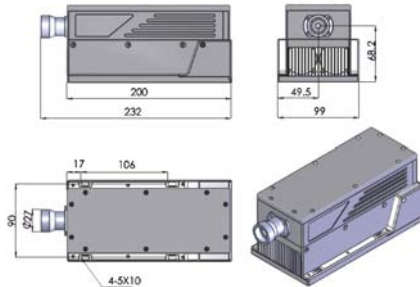

EL-532nm series laser has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking and sub-engraving with glass, crystal and other transparent materials.



### SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Q-switched
Single pulse energy (μJ)	40~100μJ
Pulse duration (ns)	~5
Peak power (kW)	8~20
Rep. rate (kHz)	5 -15kHz, Suitable for the applications of needing high peak power.
Average power (mW)	Average power (mW) = Single pulse energy (μJ) * Rep. rate (kHz)
Ave power stability (over 4 hours)	<5%
Transverse mode	Near TEM <sub>00</sub>
Warm-up time (minutes)	<10
M <sup>2</sup> factor	<1.5
Beam divergence, full angle (mrad)	<2.0
Beam diameter at the aperture (mm)	~4.0
Beam height from base plate (mm)	68.2
Operating temperature (°C)	10~35
Power supply (90-264VAC)	PSU-H-LED
Expected lifetime (hours)	20000
Warranty period	1 year



EL-532	Dimension	PSU-H-LED	Dimension
 <p>232(L)×99(W)×94(H) mm<sup>3</sup>, 2.6 kg</p>		 <p>268 (L) ×145(W) ×106 (H) mm<sup>3</sup>, 2.6 kg</p>	