

EL-1064-OEMS/ 2W/160μJ



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.

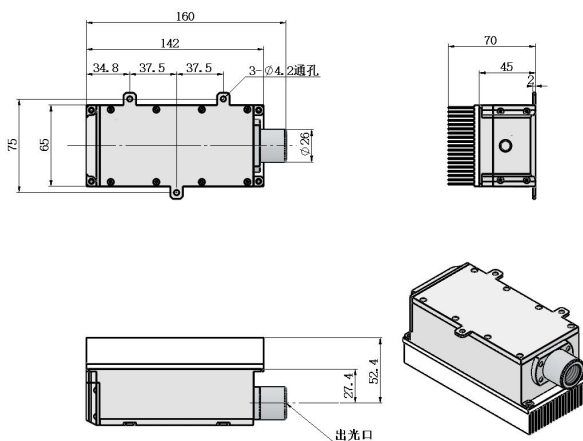


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Passively Q-switched
Average power (W)	>2
Single pulse energy (μJ)	~160
Pulse duration (ns)	~3
Rep. rate (kHz)	1-15kHz
Ave power stability (over 4 hours)	<3%, <2%, <1%
Transverse mode	TEM ₀₀
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² , mm)	~3.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	52.4
Operating temperature (°C)	10-35
Operating voltage (VDC)	PSU-OEM-W (12V/25A)
Expected lifetime (hours)	>10000

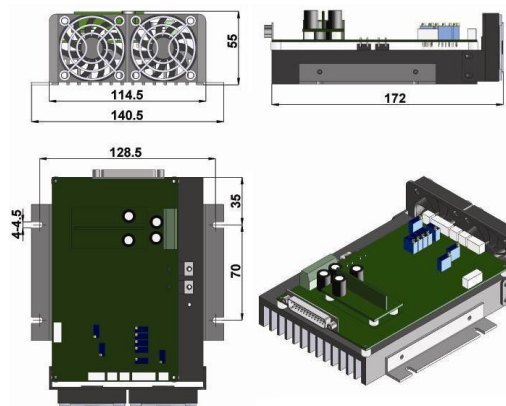


LASER HEAD



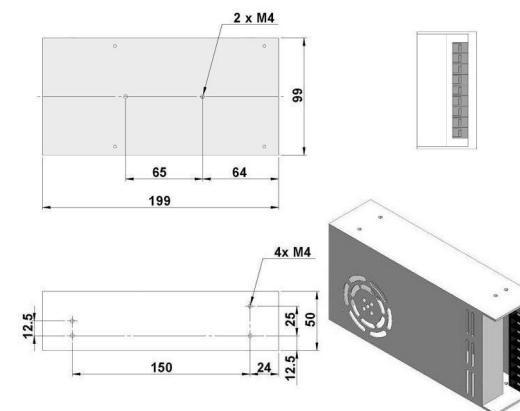
160 (L) × 65 (W) × 70 (H) mm³

DRIVER (PSU-OEM-W)



172 (L) × 140.5 (W) × 55 (H) mm³, 0.8 kg

POWER SUPPLY (100-240VAC)



199 (L) × 99 (W) × 50 (H) mm³, 0.9 kg