



EL-1064/5W-6W/200μJ



**EL SERIES 1064nm LASER SOURCE FOR LASER MARKING**

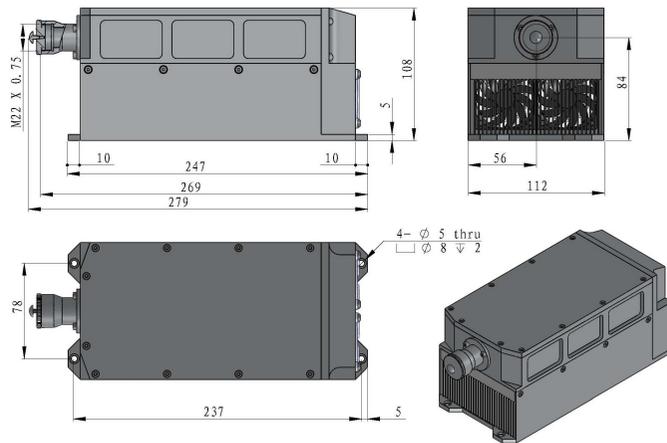
EL-1064nm series laser has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in nonlinear optics, laser marking, laser engraving and so on.

SPECIFICATIONS

Wavelength (nm)	1064±1	
Operating mode	Passively	
Average power (W)	>5	>6
Single pulse energy (μJ)	~200	
Rep. rate (kHz) <sup>1</sup>	20-30	30-35
Pulse duration (ns) <sup>2</sup>	4-6	~5
Peak power (kW)	~40	
Power stability (rms, 4 hours ± 3°C)	<3%, <2%, <1%	
Transverse mode	TEM <sub>00</sub>	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~2.0	
Pilot light	<5mW@650nm	
Warm-up time (minutes)	<10	
Beam height from base plate (mm)	84	
Operating temperature (°C)	10-35	
Power supply (100-240VAC)	PSU-W-LED	
Expected lifetime (hours)	>10000	

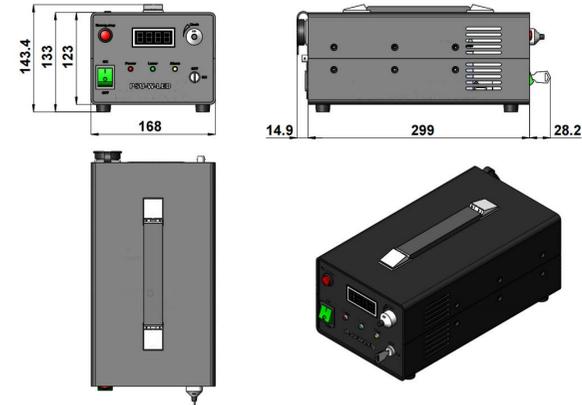


LASER HEAD



279 (L) × 112 (W) × 108 (H) mm<sup>3</sup>, 3.9 kg

DRIVER (PSU-W-LED)



342.1 (L) × 168 (W) × 143.4 (H) mm<sup>3</sup>, 5.2 kg

1 One fixed value between 20kHz-35kHz. 2 Fixed Pulse width.