

Mini-E-PA-1064 / 4W/200uJ



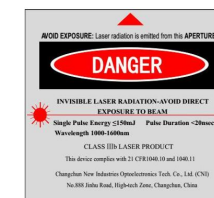
Mini-E SERIES 1064nm LASER SOURCE FOR LASER MARKING

Mini-E-1064nm series laser has the features of high peak power, high repetition rate, and short pulse duration, which is used in scientific research, biology, instrumentation, 3D marking, laser marking, sub-surface engraving and so on.

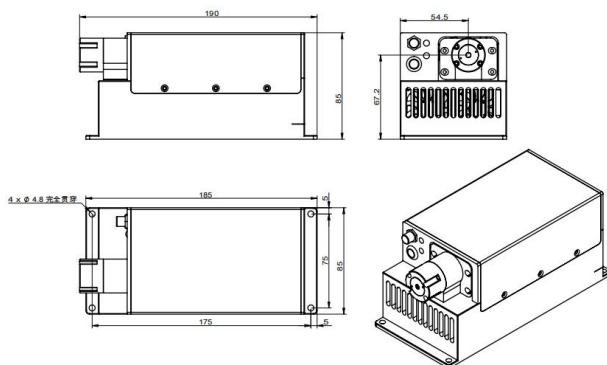


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Passively Q-switched
Average power (W)	≥4
Single pulse energy (μJ)	>200
Pulse duration (ns)	~5
Peak power (kW)	~40
Rep. rate (kHz)	10-20kHz
Power stability (over 8 hours)	<2%, <1%
Transverse mode	TEM ₀₀
Beam divergence, full angle (mrad)	<3.5
Beam diameter at the aperture (1/e ² , mm)	~3.5
M ²	<1.2
Beam height from base plate (mm)	67.2
Warm-up time (minutes)	<15
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-12-P
Expected lifetime (hours)	>10000

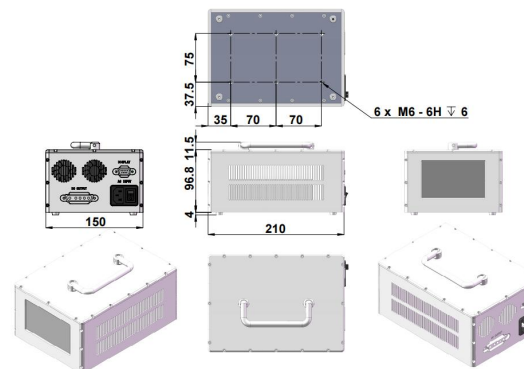


LASER HEAD (Driver integrated)



190 (L) × 85 (W) × 85 (H) mm³, 2.75 kg

POWER SUPPLY



210 (L) × 150 (W) × 112.5 (H) mm³, 2.75 kg