

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



Mini-E SERIES 1064nm LASER SOURCE

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, sub-surface engraving and so on.

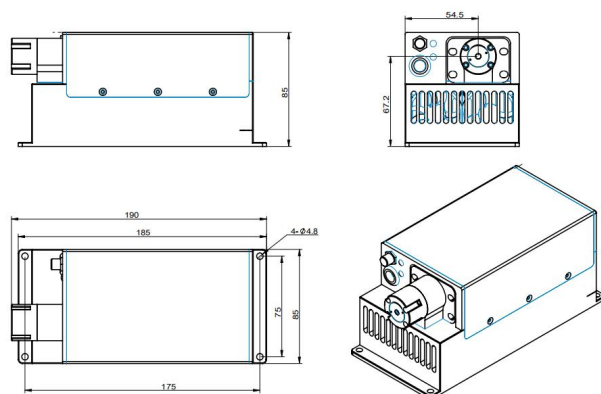


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Passively
Average power (W)	≥4
Single pulse energy (μJ)	>200
Rep. rate ¹	10-20kHz
Pulse duration (ns) ²	~5
Peak power (kW)	~40
Power stability (rms, 4 hours ± 3°C)	<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

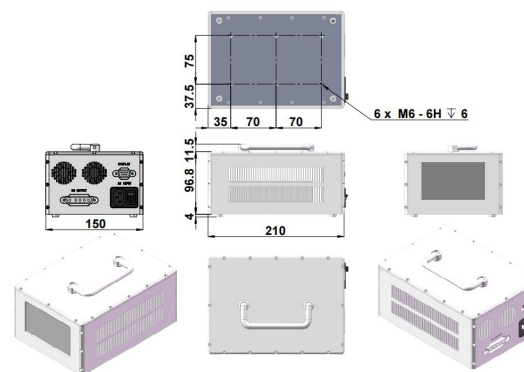


LASER HEAD (Driver Integrated)



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

POWER SUPPLY



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

1 One fixed value between 10kHz-20kHz. 2 Fixed Pulse width.

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