

EO-XS-1064/1-10W

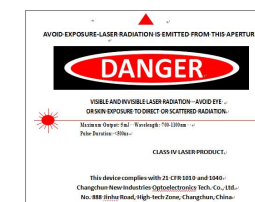
LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 1064 nm

All solid state EOM Q-switched laser at 1064 nm has the features of high peak power, high repetition rate, and short pulse duration, which is widely used in marking, carving, measure, research and so on.

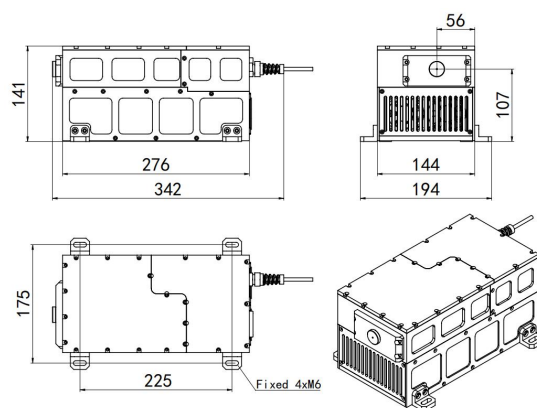


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Actively
Average power (W) ¹	1-10W (10W@50kHz)
Single pulse energy (μJ)	1-200(200μJ @50kHz)
Rep. rate	10-100kHz
Pulse duration (ns)	~4@50kHz
Peak power (kW)	1-50 (50kW@50kHz)
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<3
Beam diameter at the aperture (1/e2,mm)	~1.5
M ²	<1.5
Beam height from base plate (mm)	107
Cooled method	Air cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-AOM (3U)
Expected lifetime (hours)	>10000

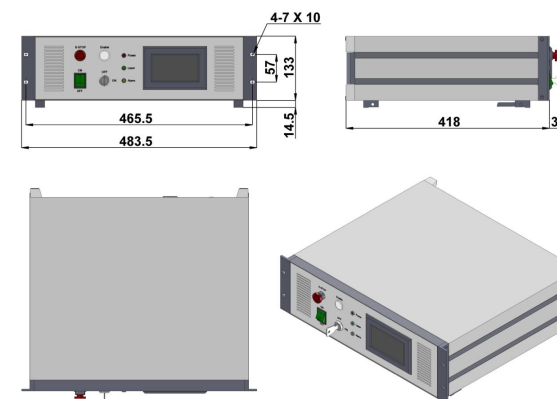


LASER HEAD



342(L)×194(W) ×141(H) mm³, 8.5kg

POWER SUPPLY



483.5 (L) ×454 (W) ×147.5 (H) mm³, 8.3 kg

¹ Any power level can be selected in this range.