

EO-LS-1064/0.5-4W

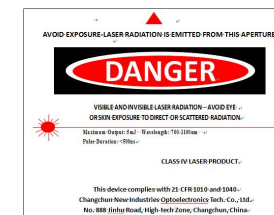
LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 1064 nm

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.

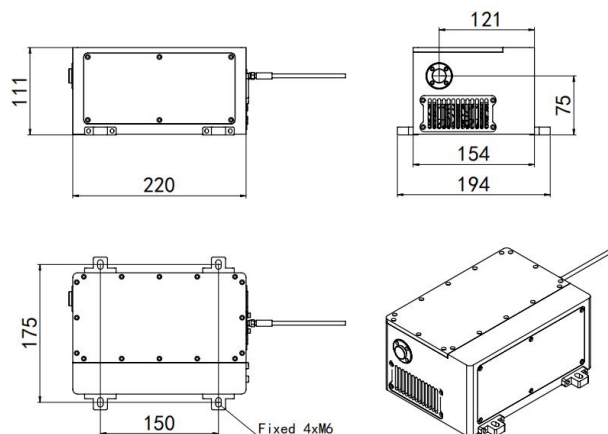


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Actively
Average power (W)	0.5-4
Single pulse energy (mJ)	0.3-0.6
Rep. rate (kHz)	1-10
Pulse duration (ns)	<7
Peak power (kW)	50-100
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² ,mm)	~2
M ² factor	<1.3
Beam height from base plate (mm)	75
Cooled method	Air cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-AOM (3U)
Expected lifetime (hours)	>10000

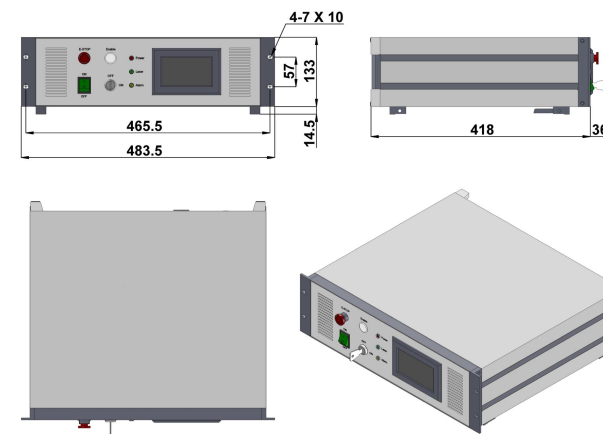


LASER HEAD



220 (L)×194 (W)×111(H) mm³, 5.5kg

POWER SUPPLY



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

- 1 One fixed value between 0.5-4W.
- 2 One fixed value between 0.3-0.6mJ.
- 3 Maximum average power 4W@10kHz.
- 4 Maximum Single pulse energy 0.6mJ@5kHz.

EO-LS-1064/4-13W

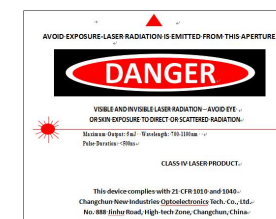
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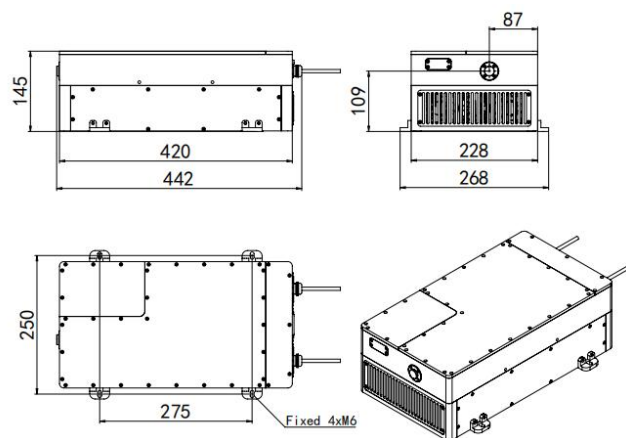


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Actively
Average power (W)	4-13
Single pulse energy (mJ)	0.6-1.5
Rep. rate (kHz)	1-10
Pulse duration (ns)	<7
Peak power (kW)	180-300
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² ,mm)	~2
M ² factor	<1.3
Beam height from base plate (mm)	109
Cooled method	Air cooled
Operating temperature (°C)	10-35
Power supply (100-240VAC)	PSU-AOM (3U)
Expected lifetime (hours)	>10000

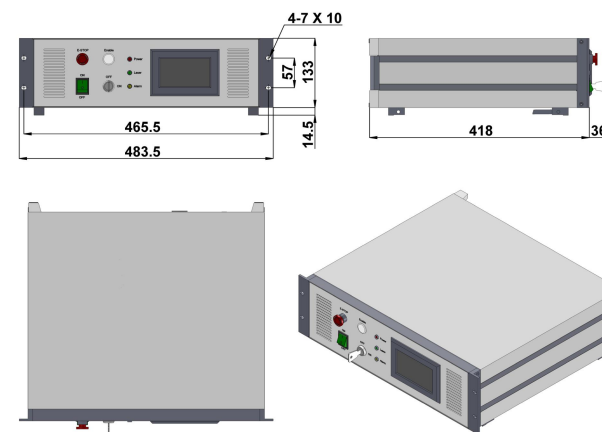


LASER HEAD



442 (L)×268 (W)×145(H) mm³, 8.5kg

POWER SUPPLY



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

- 1 One fixed value between 4-13W.
- 2 One fixed value between 0.6-1.5mJ.
- 3 Maximum average power 13W@10kHz.
- 4 Maximum Single pulse energy 1.5mJ@5kHz.

EO-LS-1064/13-38W

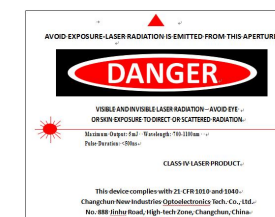
LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 1064 nm

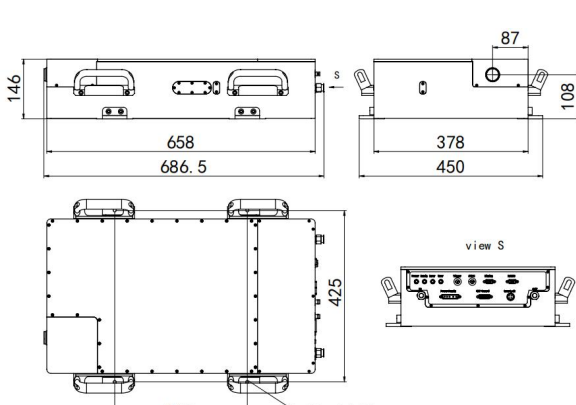
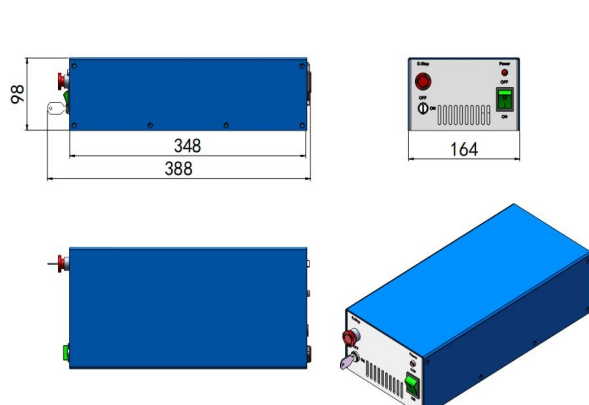
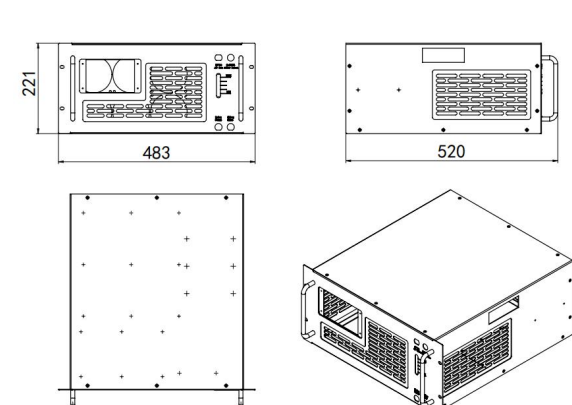
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SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Actively
Average power (W)	13-38
Single pulse energy (mJ)	1.5-5
Rep. rate (kHz)	1-10
Pulse duration (ns)	<7
Peak power (kW)	400-1300
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<1.5
Beam diameter at the aperture (1/e ² ,mm)	~2
M ² factor	<1.3
Beam height from base plate (mm)	108
Cooled method	Water cooled
Operating temperature (°C)	10-35
Power supply	100-240VAC
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY(100/240VAC)	WATER CHILL
 686.5(L)×450 (W) ×146(H) mm³, 5.5kg	 348 (L) ×164 (W) ×98(H) mm³, 3.5 kg	 483(L) ×520 (W) ×221 (H) mm³, 20 kg

- 1 One fixed value between 13-38W.
- 2 One fixed value between 1.5-5mJ.
- 3 Maximum average power 38W@10kHz.
- 4 Maximum Single pulse energy 5mJ@5kHz.