

EO-LS-1030/1-2W

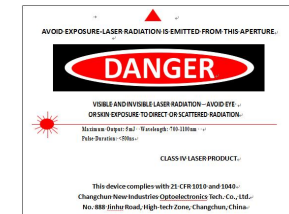
LD PUMPED ALL-SOLID-STATE EOM Q-SWITCHED LASER AT 1030 nm

All solid state EOM Q-switched laser at 1030 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.

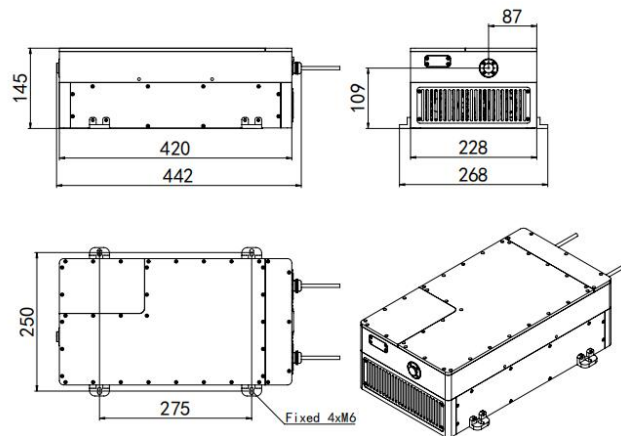


SPECIFICATIONS

Wavelength (nm)	1030±1
Operating mode	Actively
Average power (W) ¹	1-2
Single pulse energy (mJ) ²	1-2
Rep. rate (kHz)	1
Pulse duration (ns)	<20
Peak power (kW)	50-200
Ave power stability (rms, 4 hours±3°C)	<5%, <3%
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<1
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

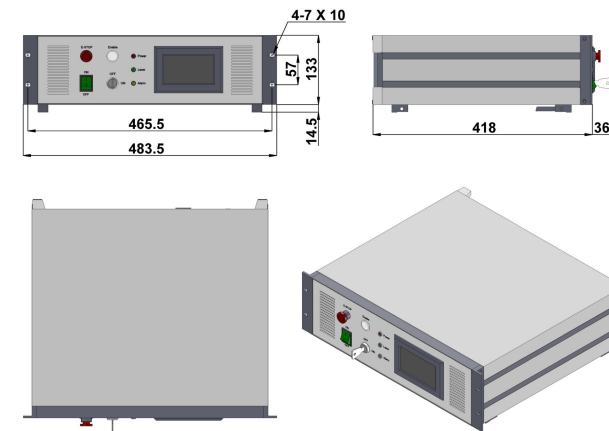


LASER HEAD



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 1-2W.

2 One fixed value between 1-2mJ.