

EO-1064-P-Subnano/1uJ-1mJ/1-10W

**HIGH ENERGY DIODE
PUMPED ALL-SOLID-STATE
Q-SWITCHED LASER**

High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in Mi Radar, LIBS, non-linear optics and so on.

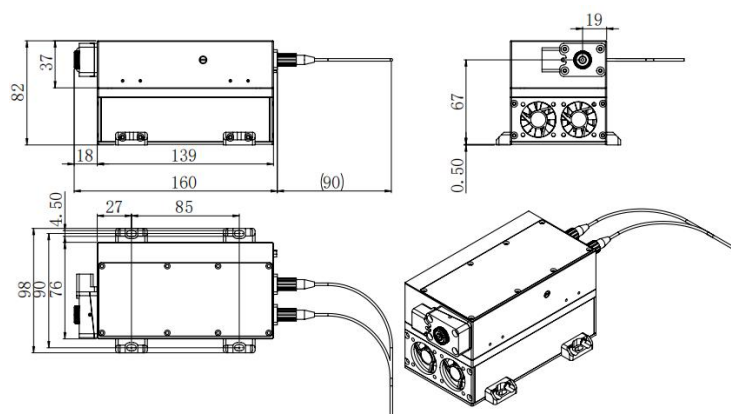


SPECIFICATIONS

	EO-1064-P-Subnano-I	EO-1064-P-Subnano-II
Wavelength (nm)	1064±1	
Operating mode	Passively	
Single pulse energy (uJ) ¹	1uJ-1mJ@2kHz	1-200@50kHz
Average power (W)	1-2@2kHz	2-10@50kHz
Pulse duration (ns)	<1	
Rep. rate ²	500Hz, 1kHz, 2kHz optional	10-50kHz
Power stability (rms)	<5%, <3%	
Beam divergence, full angle (mrad)	<3	
Beam diameter (mm)	~3	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	67	88
Cooled method	Air cooled	Water cooled
Operating temperature (°C)	15-30	
Power supply	PSU-EO-P-Subnano (110/220VAC)	24V/21A
Expected lifetime (hours)	>10000	

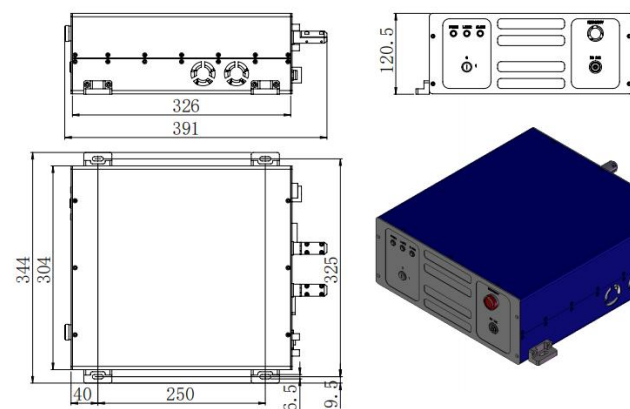


LASER HEAD (EO-1064-P-Subnano-I)

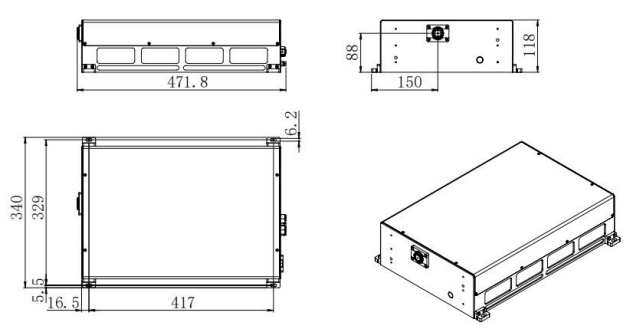
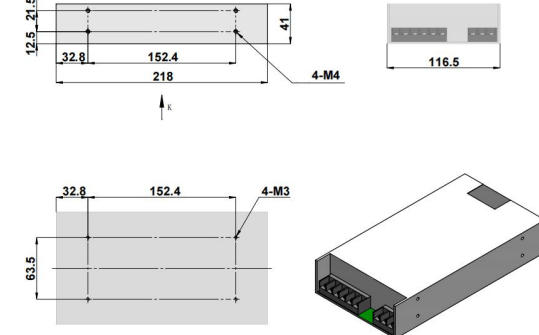
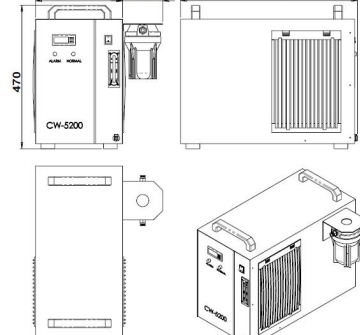


160(L)×76(W)×82(H)mm³, 3kg

POWER SUPPLY (PSU-EO-P-Subnano)



391(L)×344(W)×120.5(H)mm³, 10kg

LASER HEAD (Driver integrated) (EO-1064-P-Subnano-II)	POWER SUPPLY (100-240VAC) optional	WATER CHILLER (WCH-1500)
 472(L)×340(W)×118(H)mm³, 17kg	 218(L)×116.5(W)×41(H)mm³, 1.1kg	 580(L) × 290(W) × 470(H) mm³, 24 kg

1 One fixed value in this range.

2 One fixed value between 10kHz~50kHz. Frequency 100kHz can be customized.