

EO-532-P-Subnano/1-500uJ/1-5W

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

High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in Micromachining of hard and brittle materials, scientific research, OPO, and so on.

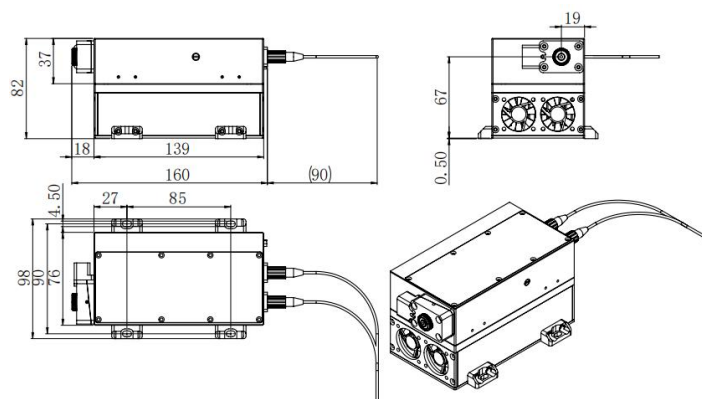


SPECIFICATIONS

	EO-532-P-Subnano-I	EO-532-P-Subnano-II
Wavelength (nm)	532±1	
Operating mode	Passively	
Single pulse energy (uJ) ¹	1-500@2kHz	1-100@50kHz
Average power (W)	1@2kHz	1-5@50kHz
Pulse duration (ns)	<1	
Rep. rate ²	500Hz, 1kHz, 2kHz optional	10-50kHz
Power stability (rms, 4 hours ±3°C)	<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	

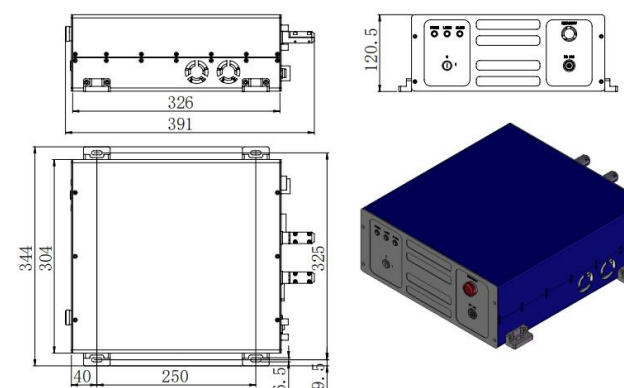


LASER HEAD (EO-532-P-Subnano-I)

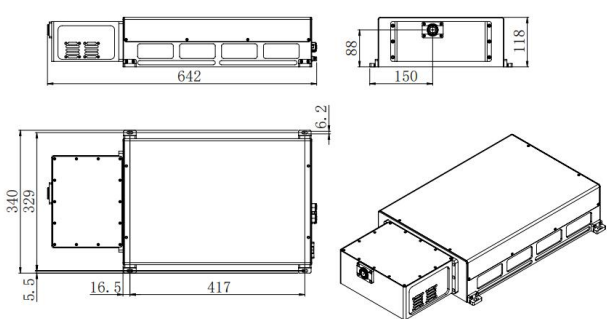
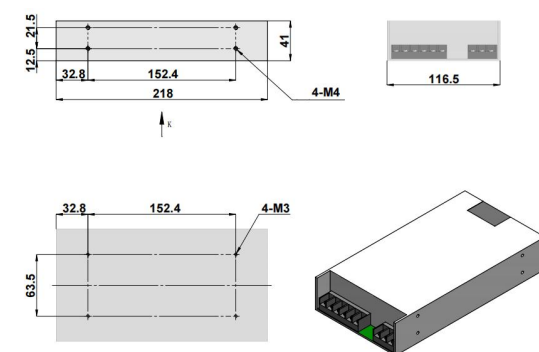
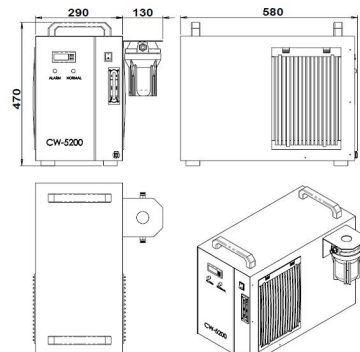


160(L)×76(W)×82(H)mm³, 3kg

POWER SUPPLY (PSU-EO-P-Subnano)



391(L)×344(W)×120.5(H)mm³, 10kg

LASER HEAD (Driver integrated) (EO-532-P-Subnano-II)	POWER SUPPLY (100-240VAC) optional	WATER CHILLER (WCH-1500)
 642(L)×340(W)×118(H)mm³, 21.5kg	 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.