

EO-1064-D/1-4mJ

SPECIFICATIONS

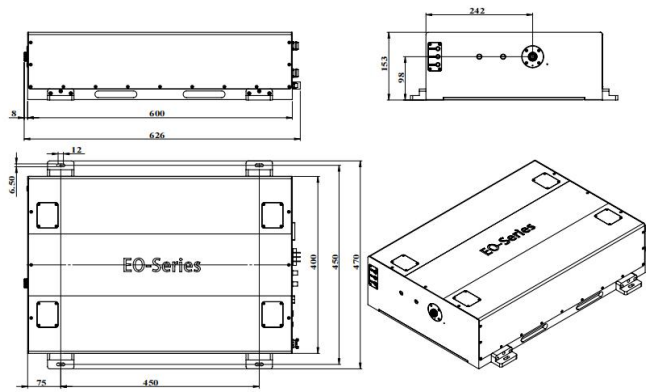
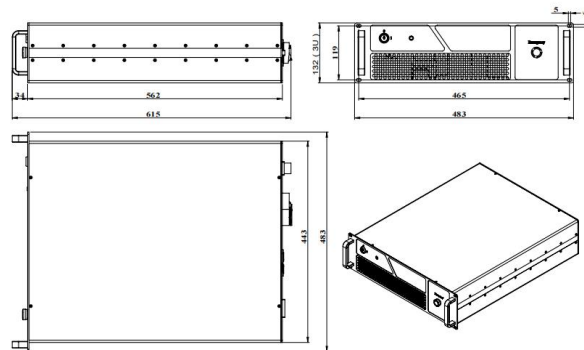
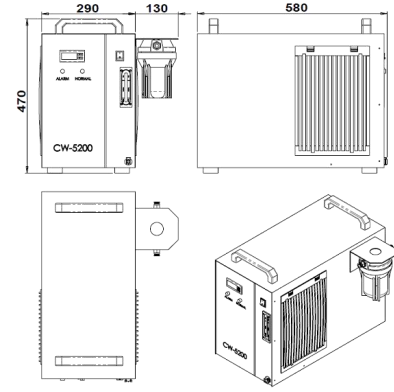
**HIGH ENERGY DIODE
PUMPED ALL-SOLID-STATE
Q-SWITCHED LASER**

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 topography measurement, marking, ranging, micro-processing, scientific research, and so on.



Wavelength (nm)	1064±1
Operating mode	Actively
Single pulse energy (mJ)	1-4@5kHz
Pulse duration (ns)	<10@5kHz
Rep. rate	1-5kHz
Power stability (rms, 4 hours ±3°C)	<5%, <3%, <2%
M ²	<1.3
Beam divergence, full angle (mrad)	<3
Beam diameter (mm)	~1
Beam height from base plate (mm)	98
Warm-up time (minutes)	<15
Cooled method	Water cooled
Operating temperature (°C)	15-30
Power supply (110/220VAC)	PSU-EO-D
Expected lifetime (hours)	>10000



LASER HEAD	POWER SUPPLY	WATER CHILLER (WCH-1500)
 626(L)×470(W)×153(H)mm³, 40.5kg	 615(L)×483(W)×132 (H)mm³, 15.5kg	 580(L) ×290(W) ×470(H) mm³, 24 kg

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