



EO-1064-D/1~4mJ

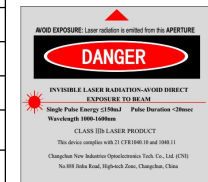
SPECIFICATIONS

**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	Q-switched: EO (Electro-optic)	
Single pulse energy (mJ)	2@5KHz	4@5KHz
Pulse duration (ns)	<10@5KHz	
Rep. rate (kHz)	1~5	
Power stability (rms)	<5%, <3%, <1%	
M <sup>2</sup>	<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 (DC 24V)	PSU-EO-D	
Expected lifetime (hours)	10000	
Warranty period	1 year	



EO-1064-D	PSU-EO-D(DC 24V)	Water Chiller(WCH-1200)
<p>655(L)×470(W)×153(H)mm<sup>3</sup> 40.5kg</p>	<p>642(L)×483(W)×132(H)mm<sup>3</sup> 15.5kg</p>	<p>533.2(L)×483(W)×221.5(H)mm<sup>3</sup> 22kg</p>