

EO-1064-P/1-30μJ

**ALL-SOLID-STATE
Q-SWITCHED LASER AT
1064nm**

Small-sized all solid state Q-switched laser at 1064nm has the features of short pulse duration, excellent beam quality and compact in size, compatible with current LIBS devices on the market.

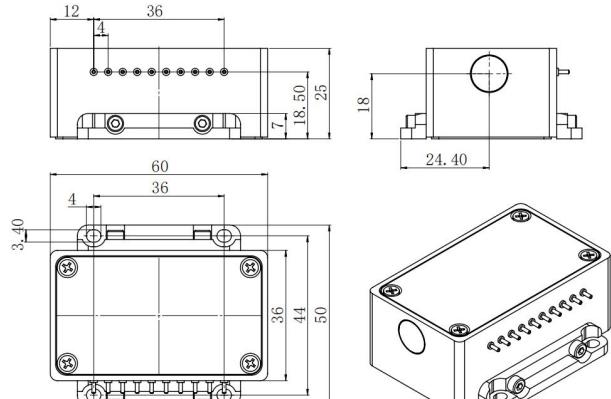


SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Actively
Single pulse energy (μJ)	1-30
Output power (mW)	1-150
Power stability	<5%, <3%
Pulse duration (ns)	~2.6
Rep. rate (kHz)	5
Beam diameter (mm)	≤1
Beam divergence, full angle (mrad)	≤3
Beam height from base plate (mm)	18
Cooled method	Conduction cooled
Warm-up time (minutes)	<15
Operating voltage (VDC) ¹	1.64V/5A
Operating temperature (°C)	15-30
Expected lifetime (hours)	>10000



LASER HEAD



1 The power supply needs to be provided by the customer themselves or contact CNI for customized cooperation.