

DPS-1064-D/10mJ

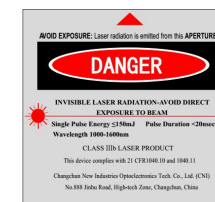
## HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

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 LIBS, LIF, ICP-MS, LCD repair, scientific research, and so on.

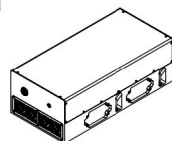
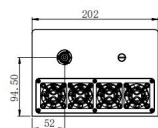
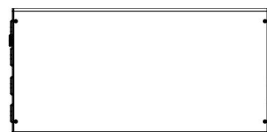
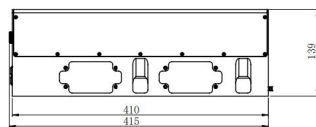
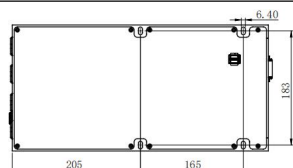


### SPECIFICATIONS

Wavelength (nm)	1064±1		
Operating mode	Q-switched: EO		
Single pulse energy (mJ)	1	5	10
Pulse duration (ns)	<10		
Rep. rate (Hz)	1~100, EXT (adjustable)		
Energy stability (rms)	<3%, <2%, <1%		
Beam diameter (mm)	~1		~2
Beam divergence, full angle (mrad)	≤3		
M <sup>2</sup>	≤1.5		
Warm-up time (minutes)	<15		
Beam height from base plate (mm)	98.5		
Cooled method	Air cooled		
Operating temperature (°C)	15~35		
Power supply	AC 220V / DC 24V		
Expected lifetime (pulses)	10000		
Warranty period	1 year		



### DPS-1064-D



415(L)×202(W)×139(H)mm<sup>3</sup>, 22 kg

