



DPS-1064-Neoma/50mJ

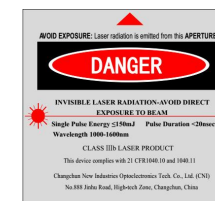
SPECIFICATIONS

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

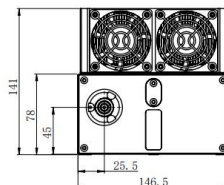
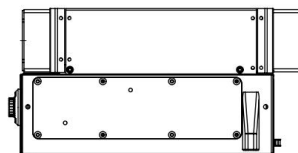
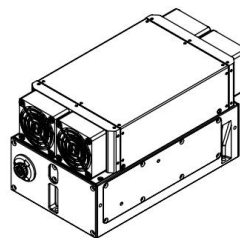
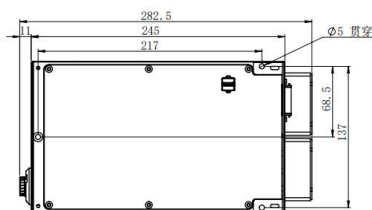
High energy diode pumped all solid state Q-switched laser at 1064nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in LIBS, LIF, ICP-MS, LCD repair, scientific research, and so on.



Wavelength (nm)	1064±1
Operating mode	Q-switched: EO
Single pulse energy (mJ)	50
Pulse duration (ns)	<13
Rep. rate (Hz)	1~100, EXT (adjustable)
Energy stability (rms)	<3%, <2%, <1%
Beam diameter (mm)	~3.5×3.5
Beam divergence, full angle (mrad)	≤9
Warm-up time (minutes)	<15
Beam height from base plate (mm)	51
Cooled method	Air cooled
Operating temperature (°C)	15~35
Power supply	AC 220V / DC 48V
Expected lifetime (pulses)	10 ⁹
Warranty period	1 year



DPS-1064-Neoma



282.5(L)×146.5(W)×141(H)mm³, 7 kg

