

DPS-532-Neoma/25mJ

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

High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in PIV, LIF, LIBS, ICP-MS scientific research, laser processing, scientific research, and so on.

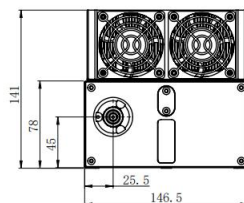
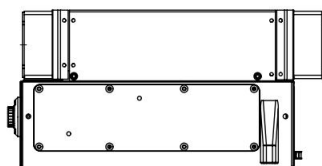
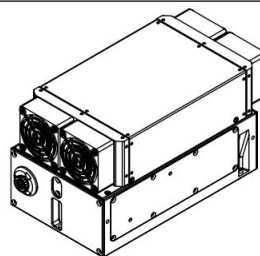
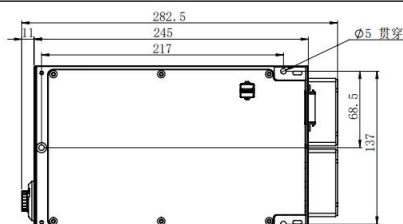


SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	Q-switched: EO
Single pulse energy (mJ)	25
Pulse duration (ns)	<12
Rep. rate (Hz)	1~100, EXT (adjustable)
Energy stability (rms)	<3%, <2%
Beam diameter (mm)	~3.5×3.5
Beam divergence, full angle (mrad)	≤8
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 <sup>9</sup>
Warranty period	1 year



DPS-532-Neoma



282.5(L)×146.5(W)×141(H)mm<sup>3</sup>, 7 kg

