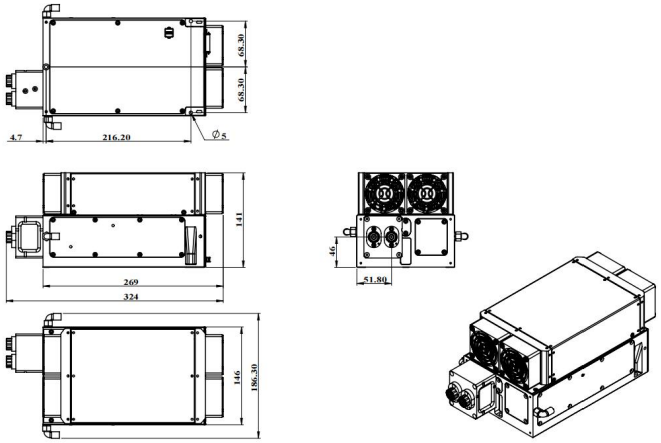
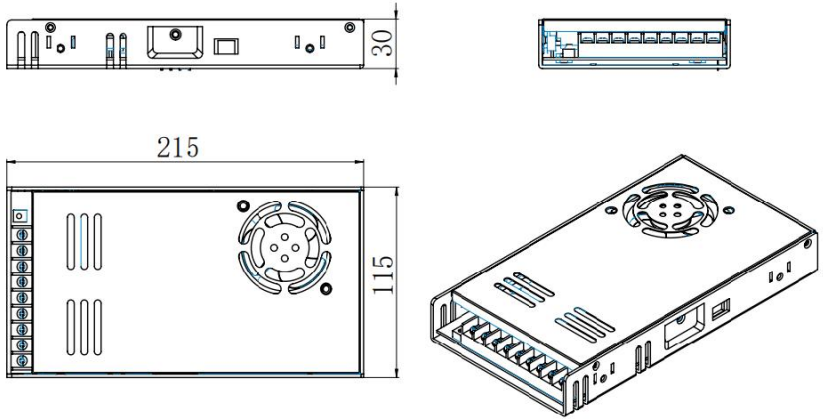
DPS-266-Neoma/1-3mJ

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

High energy diode pumped all solid state Q-switched laser at 266nm 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)	266±1
Operating mode	Actively
Single pulse energy (mJ)	1-3
Pulse duration (ns)	<12
Jitter (ns, sdev)	<1ns (Int.)
Rep. rate [1]	1-100Hz (adjustable)
Energy stability (std dev/mean)	<5%,<3%,<2%
Beam diameter (mm)	~3.5×3.5
Beam divergence, full angle (mrad)	≤7
Beam height from base plate (mm)	46
Warm-up time (minutes)	<15
Cooled method	Air cooled
Operating temperature (°C)	15-35
Operating voltage (VDC)	48V/7.3A
Expected lifetime (pulses)	10^9

LASER HEAD (Driver integrated)	POWER SUPPLY (110/220VAC) optional
	
324(L)×186.3(W)×141(H)mm³, 8 kg	215(L)×115(W)×30(H)mm³, 0.76 kg

1 Both internal trigger and external trigger are acceptable.