

DPS-532-Neoma/1-25mJ

SPECIFICATIONS

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

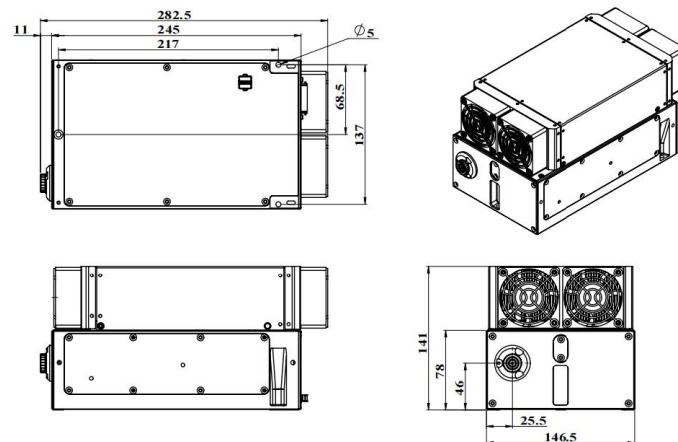
High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in PIV, LIF, LIBS, ICP-MS scientific research, laser processing, scientific research, and so on.



Wavelength (nm)	532±1
Operating mode	Actively
Single pulse energy (mJ)	1-25
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)	≤8
Warm-up time (minutes)	<15
Beam height from base plate (mm)	46
Cooled method	Air cooled
Operating temperature (°C)	15-35
Operating voltage (VDC)	48V/7.3A
Expected lifetime (pulses)	10 ⁹
Available options	Attenuator

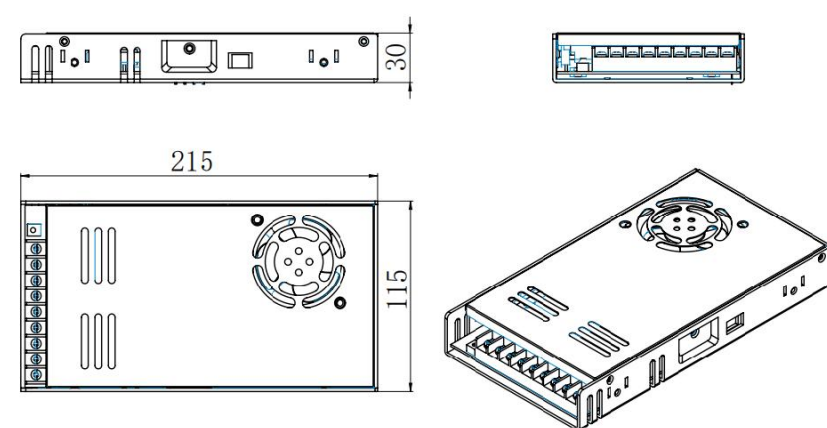


LASER HEAD (Driver integrated)



282.5(L)×146.5(W)×141(H)mm³, 7 kg

POWER SUPPLY (110/220VAC) optional



215(L)×115(W)×30(H)mm³, 0.76 kg

¹ Both internal trigger and external trigger are acceptable.

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