

DPS-355-Neoma/1-4mJ

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

High energy diode pumped all solid state Q-switched laser at 355nm 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.

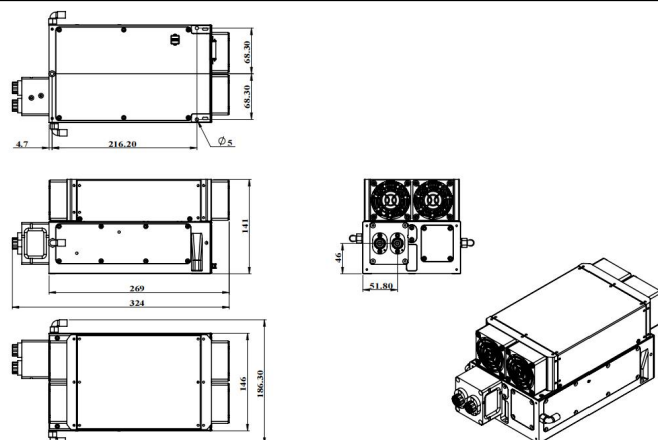


SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	Actively
Single pulse energy (mJ)	1-4
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

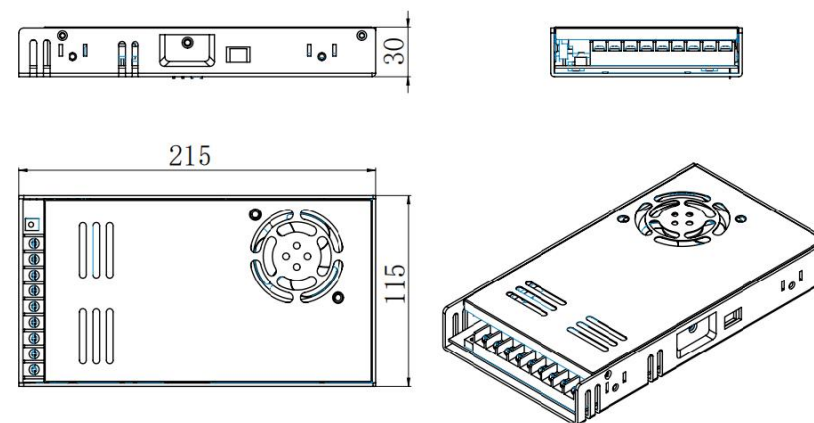


LASER HEAD (Driver integrated)



324(L)×186.3(W)×141(H)mm³, 8 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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