

DPS-532-BS-D/15-50mJ

SPECIFICATIONS

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

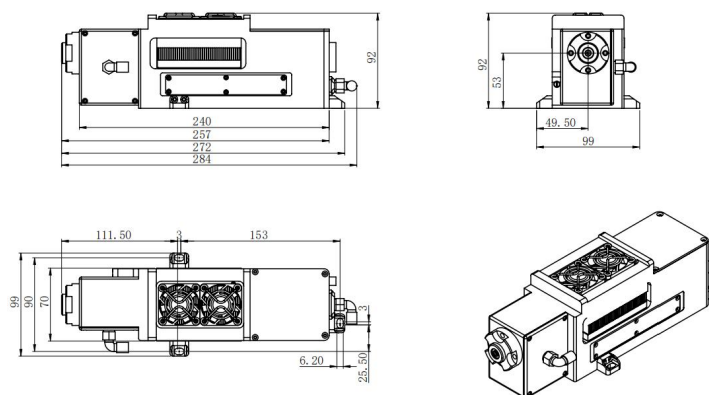
High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in LIBS, LIF, ICP-MS, LCD repair, scientific research, and so on.



Wavelength (nm)	532±1
Operating mode	Actively
Single pulse energy (mJ)	15-50
Pulse duration (ns)	<10
Jitter (ns, sdev)	<1ns (Int.)
Rep. rate ¹	1-20Hz (adjustable)
Energy stability (std dev/mean)	<5%, <3%, <2%
Beam divergence, full angle (mrad)	≤3
Beam diameter (mm)	~5
Warm-up time (minutes)	<15
Beam height from base plate (mm)	53
Cooled method	Air cooled
Operating temperature (°C)	15-30
Power supply	PSU-DPS-BS-D
Expected lifetime (pulses)	10 ⁹
Available options	Attenuator

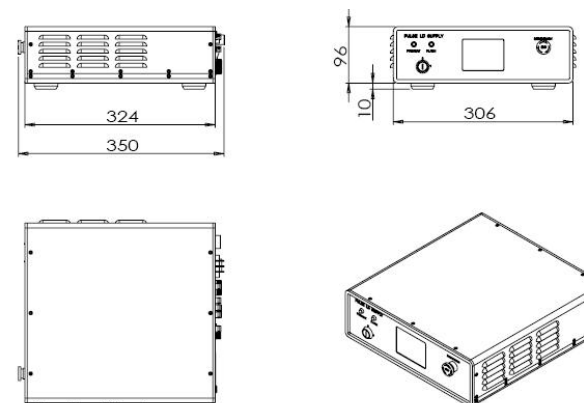


LASER HEAD



284(L)×99(W)×92(H)mm³, 2.5kg

POWER SUPPLY²



350(L)×306(W)×106(H) mm³, 6kg

¹ Both internal trigger and external trigger are acceptable.

² Rep. Rate and current can be adjusted by touch screen.

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