

DPS-1064-B/10-30mJ

SPECIFICATIONS

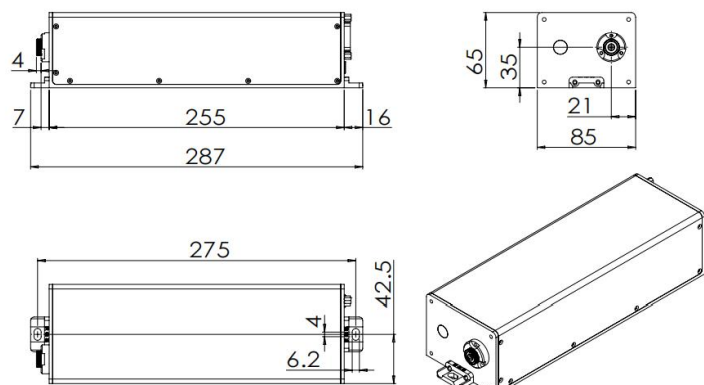
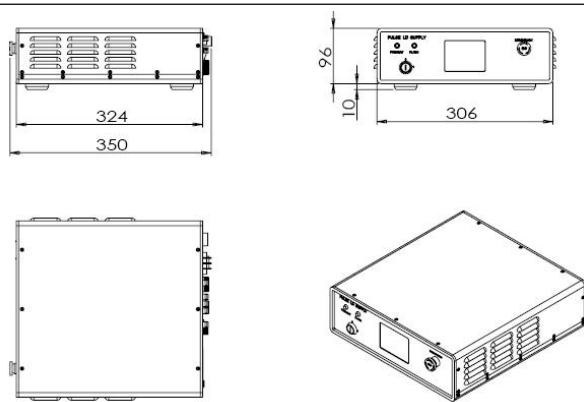
HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

High energy diode pumped all solid state Q-switched laser at 1064nm 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)	1064±1
Operating mode	Actively
Single pulse energy (mJ)	10-30
Pulse duration (ns)	<10
Jitter (ns, sdev)	<1ns (Int.)
Rep. rate ¹	1-10Hz (adjustable)
Energy stability (std dev/mean)	<5%, <3%, <2%
Beam divergence, full angle (mrad)	~1
Beam diameter (mm)	~3
Warm-up time (minutes)	<15
Beam height from base plate (mm)	35
Cooled method	Air cooled
Operating temperature (°C)	15-30
Power supply (110/220VAC)	PSU-DPS-B
Expected lifetime (pulses)	10 ⁹
Available options	Attenuator



LASER HEAD	POWER SUPPLY ²
 287(L)×85(W)×65(H)mm³, 3 kg	 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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