

DPS-532-A/1~5mJ

SPECIFICATIONS

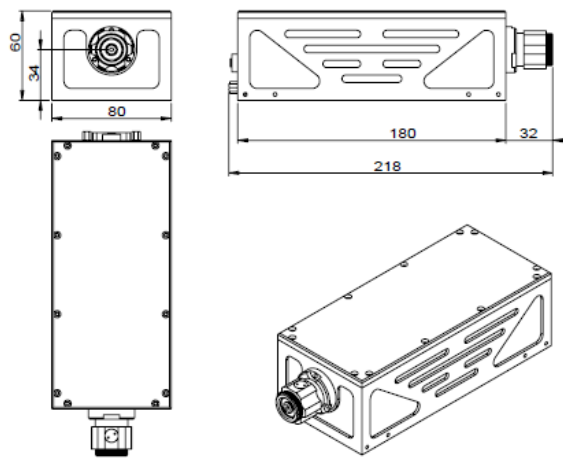
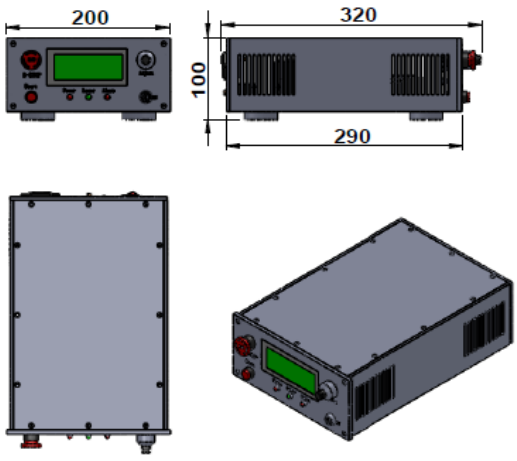
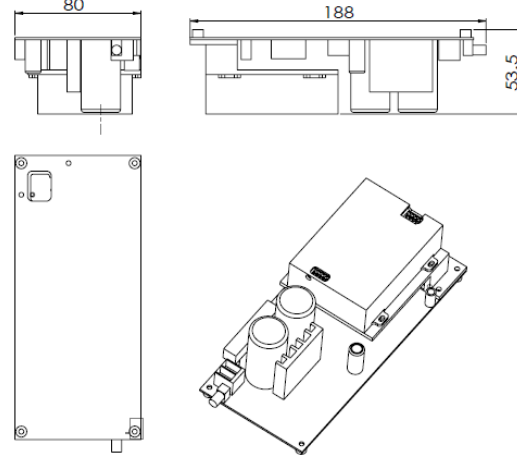
**HIGH ENERGY DIODE  
PUMPED ALL-SOLID-STATE  
Q-SWITCHED LASER**

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, military, and so on.



Wavelength (nm)	532±1	
Operating mode	Q-switched: Electro-optic Modulation	Q-switched: Passive Modulation
Single pulse energy (mJ)	1~5	
Pulse duration (ns)	<10	
Rep. rate (Hz)	1~10, EXT (adjustable)	
Energy stability(rms)	<3%	<5%
Beam divergence, full angle (mrad)	<3	
Beam diameter (mm)	~3	
Warm-up time (minutes)	<15	
Beam height from base plate (mm)	34	
Cooled method	Conduction cooled	
Operating temperature (°C)	15~30	
Power supply (220VAC/24VDC)	PSU-DPS-A	
Expected lifetime (pluses)	10 <sup>9</sup>	
Warranty period	1 year	
Available options	Jitter(Sdev):~1ns ( Electro-optic modulation); Battery power supply	



DPS-532-A	PSU-DPS-A	PSU-DPS-A(OEM,24V)
 <p>218(L)×80(W)×60(H)mm<sup>3</sup>, 1.5kg</p>	 <p>320(L)×200(W)×100(H) mm<sup>3</sup>, 4 kg</p>	 <p>188(L)×80(W)×53.5(H) mm<sup>3</sup>, 1kg</p>