



DPS-532-A/1~5mJ

**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.



SPECIFICATIONS

Wavelength (nm)	532±1	
Operating mode	Q-switched:EOM(Electro-optic Modulation)	Q-switched: PM (Passive Modulation)
Single pulse energy (mJ)	1~5	
Pulse duration (ns)	<10	
Rep. rate (Hz)	1~10, EXT (adjustable)	
Energy stability (rms)	<3%, <5%	<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	Air cooled	
Operating temperature (°C)	15~30	
Power supply (220V AC/24V DC)	PSU-DPS-A	
Expected lifetime (pulses)	10 ⁹	
Warranty period	1 year	
Available options	Jitter (Sdev):~1ns (Electro-optic modulation) ; Battery power supply	



DPS-532-A	PSU-DPS-A-II (220V)	PSU-DPS-A-I (220V)	PSU-DPS-A (OEM, 24V)
<p>236(L)×80(W)×60(H)mm³, 2.5kg</p>	<p>323 (L) ×306(W) ×106(H) mm³, 6 kg Rep. Rate and Current can be adjusted by touch screen</p>	<p>320(L)×200(W)×100(H) mm³, 4 kg</p>	<p>188(L)×80(W)×53.5(H) mm³, 1kg</p>