



Lasertack

New Laser Generation

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)	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 ⁹	
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)mm³, 1.5kg</p>	<p>320(L)×200(W)×100(H) mm³, 4 kg</p>	<p>188(L)×80(W)×53.5(H) mm³, 1kg</p>