

DPS-532-B/5~15mJ

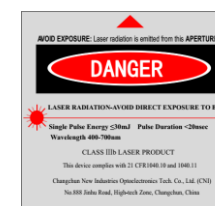
HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

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)
Single pulse energy (mJ)	5~15
Pulse duration (ns)	<10
Rep. rate (Hz)	1~10, EXT (adjustable)
Energy stability (rms)	<3%, <5%
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 (220V AC)	PSU-DPS-B
Expected lifetime (pulses)	10 ⁹
Warranty period	1 year



DPS-532-B	PSU-DPS-B
<p style="text-align: center; margin-top: 10px;">327(L)×85(W)×65(H)mm³, 3.5 kg</p>	<p style="text-align: center; margin-top: 10px;">323 (L) ×306(W) ×106(H) mm³, 6 kg</p> <p style="text-align: center; margin-top: 5px;">Rep. Rate and Current can be adjusted by touch screen</p>