



# Lasertack

## New Laser Generation

DPS-1064-BS/80mJ

### 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, military, and so on.

#### SPECIFICATIONS

Wavelength (nm)	1064±1
Operating mode	Q-switched: Electro-optic Modulation
Single pulse energy (mJ)	80
Pulse duration (ns)	~10
Rep. rate (Hz)	1~10, EXT (adjustable)
Energy stability(std dev/mean)	<1%
Beam divergence, full angle (mrad)	≤3
Beam diameter (mm)	~5
Warm-up time (minutes)	<15
Variable optical attenuator	5%~95%
Beam height from base plate (mm)	31
Cooled method	Air cooled
Operating temperature (°C)	15~30
Power supply (28V DC)	PSU-DPS-BS
Expected lifetime (pluses)	10 <sup>9</sup>
Warranty period	1 year



DPS-1064-BS	PSU-DPS-BS
<p>314.5(L)×134(W)×80(H)mm<sup>3</sup>, 5 kg</p>	<p>323(L)×306(W)×106(H) mm<sup>3</sup>, 4kg</p>