

DPS-1064-B/1~30mJ

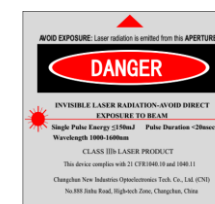
HIGH ENERGY DIODE PUMPED ALL-SOLID-STATE Q-SWITCHED LASER

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

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|------------------------------------|--|
| Wavelength (nm) | 1064±1 |
| Operating mode | Q-switched: EOM (Electro-optic modulation) |
| Single pulse energy (mJ) | 1~30 |
| Pulse duration (ns) | <10 |
| Rep. rate (Hz) | 1~10, EXT (adjustable) |
| Energy stability (rms) | <2%, <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 (220VAC) | PSU-DPS-B |
| Expected lifetime (pulses) | 10 ⁹ |
| Warranty period | 1 year |



| DPS-1064-B | PSU-DPS-B |
|---|---|
| <p>255(L)×85(W)×65(H)mm³, 3 kg</p> | <p>323 (L) ×306(W) ×106(H) mm³, 6 kg Rep. Rate and Current can be adjusted by touch screen</p> |