

LPS-532-Subnano /15~100mJ

**HIGH ENERGY LAMP
PUMPED ALL-SOLID-STATE
PICOSECOND LASER**

High energy lamp pumped all solid state picosecond laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in medical application, LIBS, scientific research, and so on.



SPECIFICATIONS

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|------------------------------------|-------------------|
| Wavelength (nm) | 532±1 |
| Operating mode | Pulsed |
| Single pulse energy (mJ) | 15-100 |
| Pulse duration (ps) | <500 |
| Rep. rate (Hz) | 1~10 (adjustable) |
| Energy stability | <3% |
| Beam divergence, full angle (mrad) | <3 |
| Beam diameter (mm) | ~7 |
| Warm-up time (minutes) | <15 |
| Cooled method | Water Cooled |
| Operating temperature (°C) | 15~30 |
| Power supply | AC 220V |
| Expected lifetime(pulses) | $10^7\sim 10^8$ |
| Warranty period | 1 year |