

DPS-532-C/5~15mJ

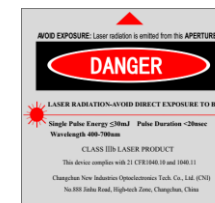
SPECIFICATIONS

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

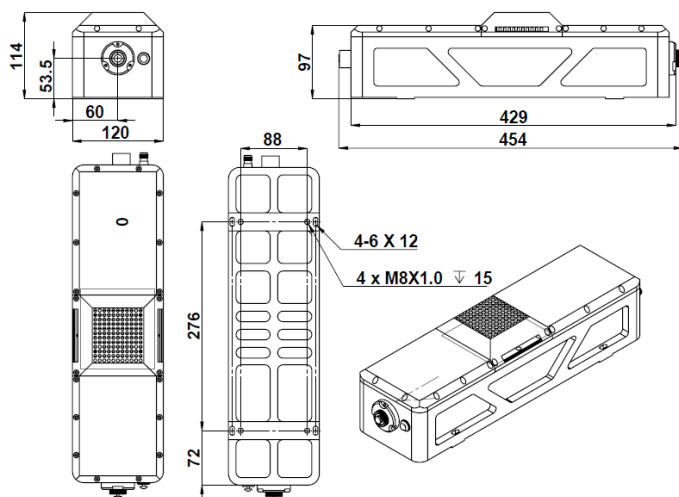
High energy diode pumped all solid state Q-switched laser at 532nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in LIF, LIBS, ICP-MS scientific research, laser processing, and so on.



| | | | |
|------------------------------------|--|---------|---------|
| Wavelength (nm) | 532±1 | | |
| Operating mode | Q-switched: EOM (Electro-optic modulation) | | |
| Single pulse energy (mJ) | 5@15Hz | 10@15Hz | 15@15Hz |
| Pulse duration (ns) | ~10 | | |
| Rep. rate (Hz) | 10~40 | | |
| Energy stability | <3%, <5% | | |
| Beam divergence, full angle (mrad) | ~3 | | |
| Beam diameter (mm) | ~2 | ~2.5 | ~3 |
| Warm-up time (minutes) | <15 | | |
| Beam height from base plate (mm) | 53.5 | | |
| Cooled method | Air cooled | | |
| Operating temperature (°C) | 15~35 | | |
| Power supply (220/110VAC) | PSU-DPS-Q-I(3U) | | |
| Expected lifetime (pulses) | 10 ⁹ | | |
| Warranty period | 1 year | | |
| Available options | Other repetition rates; Jitter:~1ns(Sdev); Accessories | | |

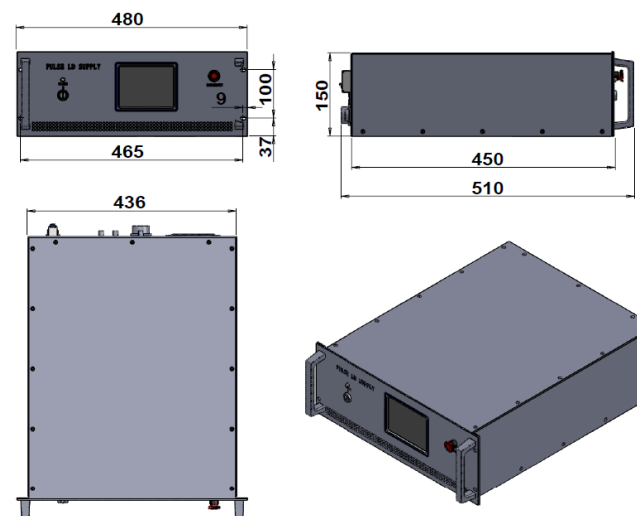


DPS-532-C



454 (L) ×120(W) ×114(H) mm³, 10 kg

PSU-DPS-Q-I (3U)



510(L) ×480(W) ×150(H) mm³, 15 kg

Rep. Rate and Current can be adjusted by touch screen(Pictures are for reference only.)