

DPS-1064-PIV/1~200mJ

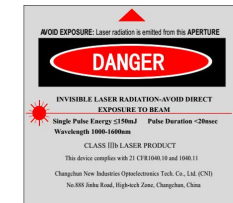
**HIGH ENERGY DIODE
PUMPED ALL-SOLID-STATE
Q-SWITCHED LASER**

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, and so on.

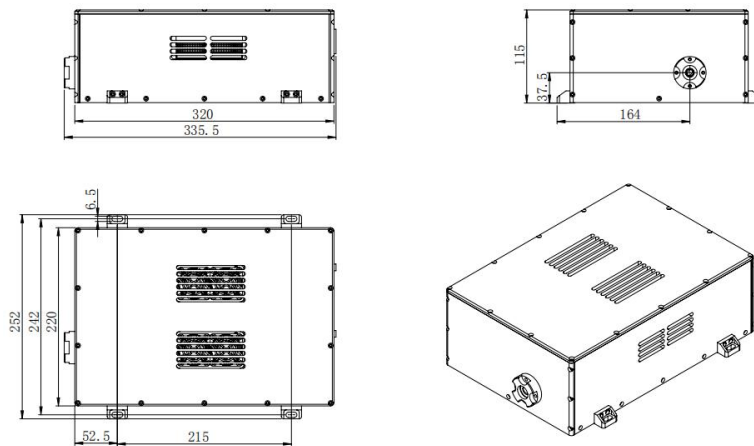


SPECIFICATIONS

| | |
|------------------------------------|--------------------------------|
| Wavelength (nm) | 1064±1 |
| Operating mode | Q-switched: EO (Electro-optic) |
| Single pulse energy (mJ) | 100@Single pulse |
| Pulse duration (ns) | <10 |
| Rep. rate (Hz) | 10~20, EXT (adjustable) |
| Energy stability (std dev/mean) | <3%, <1% |
| Beam divergence, full angle (mrad) | ≤3 |
| Beam diameter (mm) | ~5 |
| Warm-up time (minutes) | <15 |
| Beam height from base plate (mm) | 37.5 |
| Cooled method | Air cooled |
| Operating temperature (°C) | -20~60 |
| Power supply | 24V DC |
| Expected lifetime (pulses) | 10 ⁹ |
| Warranty period | 1 year |
| Delay between two pulses (ns) | 5~50000 |

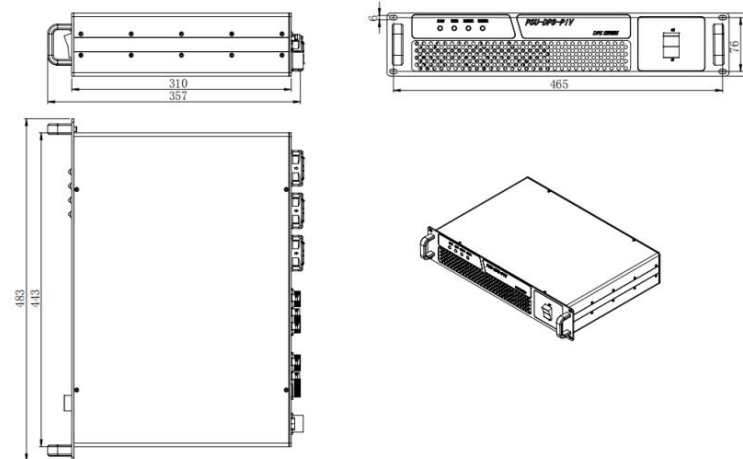


DPS-1064-PIV



335.5(L)×252(W)×115(H)mm³, 11.6 kg

PSU-DPS-PIV(DC 24V)



483(L)×357(W)×89(H) mm³, 8kg