

DPS-1573-Q/5~8mJ

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

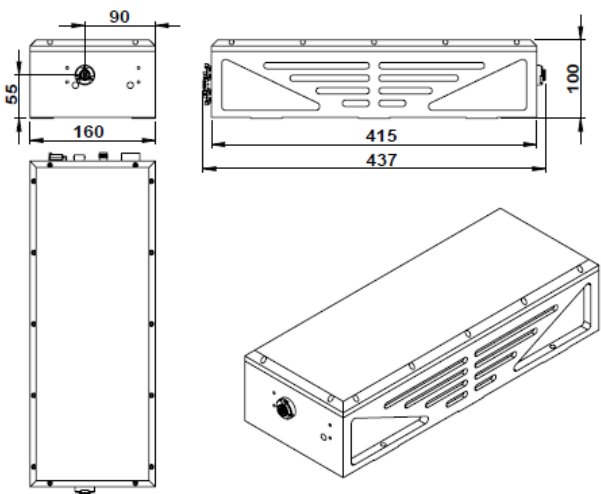
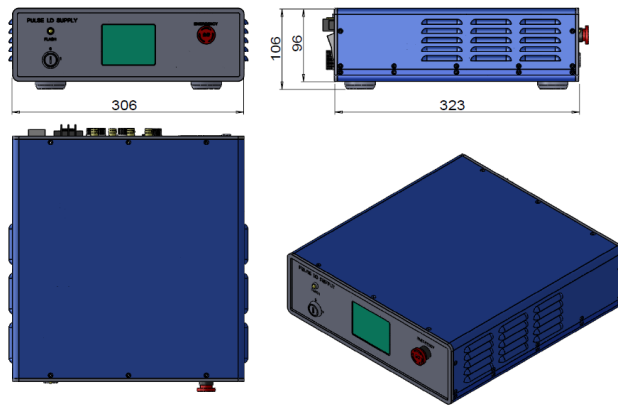
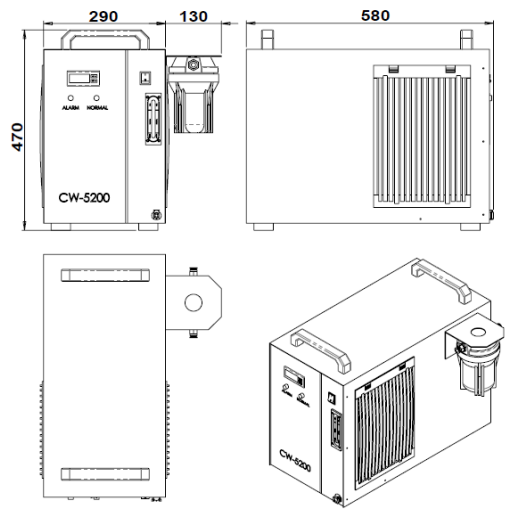
High energy diode pumped all solid state Q-switched laser at 1573nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in military, measurement, remote sensing, visualization, scientific research, and so on.



SPECIFICATIONS

| | | |
|------------------------------------|--|----|
| Wavelength (nm) | 1573±1 | |
| Operating mode | Q-switched: EOM (Electro-optic modulation) | |
| Single pulse energy (mJ) | 5 | 8 |
| Pulse duration (ns) | <10 | |
| Rep. rate (Hz) | 1~20 (adjustable) | |
| Energy stability | ≤5% | |
| Beam divergence, full angle (mrad) | <8 | |
| Beam diameter (mm) | ~3 | ~4 |
| Warm-up time (minutes) | <15 | |
| Beam height from base plate (mm) | 55 | |
| Cooled method | Water Cooled | |
| Operating temperature (°C) | 15~30 | |
| Power supply (220V AC) | PSU-DPS-Q-I(3U) | |
| Expected lifetime (pulses) | 10 ⁹ | |
| Warranty period | 1 year | |
| Available options | Jitter(Sdev):~1ns (Electro-optic modulation); Accessories | |



| DPS-1573-Q | PSU-DPS-Q-I (3U) | Water Chiller |
|---|---|--|
|  <p>437(L) × 160(W) × 100(H) mm³, 7.5 kg</p> |  <p>Rep. Rate and Current can be adjusted by touch screen 323 (L) × 306(W) × 106(H) mm³, 4 kg</p> |  <p>580(L) × 290(W) × 470(H) mm³, 24 kg</p> |