

DPS-1573-A/1-5mJ

SPECIFICATIONS

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

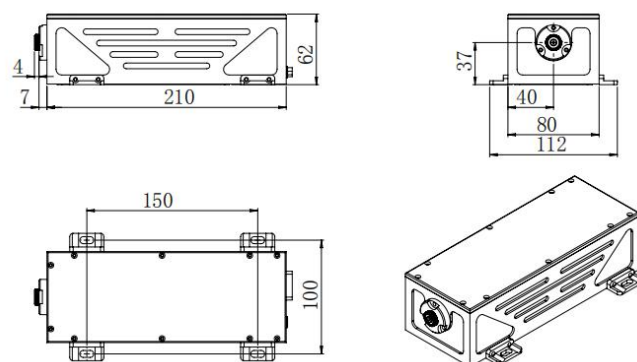
High energy diode pumped all solid state Q-switched laser at 1573nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in measurement, remote sensing, scientific visualization, research, and so on.



|                                       |                     |
|---------------------------------------|---------------------|
| Wavelength (nm)                       | 1573±1              |
| Operating mode                        | Actively            |
| Single pulse energy (mJ) <sup>1</sup> | 1-5                 |
| Pulse duration (ns)                   | <10                 |
| Jitter (ns, sdev)                     | <1ns (Int.)         |
| Rep. rate                             | 1-10Hz (adjustable) |
| Energy stability (rms)                | <5%                 |
| Beam diameter (mm)                    | ~3                  |
| Beam divergence, full angle (mrad)    | ≤8                  |
| Warm-up time (minutes)                | <15                 |
| Beam height from base plate (mm)      | 37                  |
| Cooled method                         | Air cooled          |
| Operating temperature (°C)            | 15-30               |
| Power supply (110/220VAC)             | PSU-DPS-A           |
| Expected lifetime (pulses)            | >10 <sup>9</sup>    |

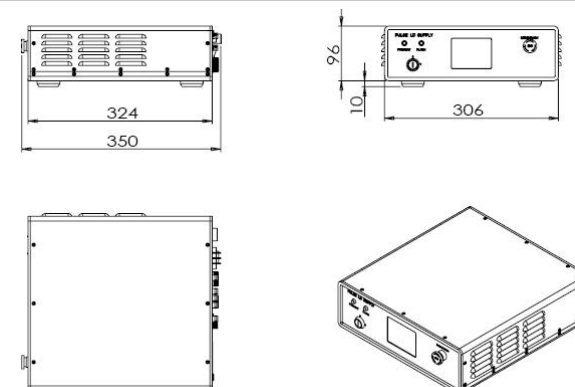


LASER HEAD



228(L)×80(W)×60(H)mm<sup>3</sup>, 1.5kg

POWER SUPPLY<sup>2</sup>



350(L)×306(W)×106(H) mm<sup>3</sup>, 6kg

1 Any energy level can be selected in this range.

2 Rep. Rate and current can be adjusted by touch screen.

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