

DPS-266-Q/2~5mJ

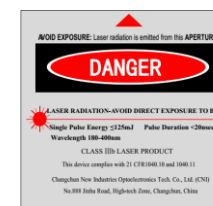
SPECIFICATIONS

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

High energy diode pumped all solid state Q-switched laser at 266nm has the features of high single pulse energy, short pulse duration, and high peak power, which is widely used in LIBS, LIF, PIV, ICP-MS, LCD repair, scientific research, laser processing, military, and so on.



|                                    |  |      |
|------------------------------------|--|------|
| Wavelength (nm)                    | 266±1                                      |      |
| Operating mode                     | Q-switched: EOM (Electro-optic modulation) |      |
| Single pulse energy (mJ)           | 2  | 5    |
| Pulse duration (ns)                | <10  |      |
| Rep. rate (Hz)                     | 1~100 (adjustable)                         |      |
| Energy stability                   | <4%, <5%, <10%                             |      |
| Beam divergence, full angle (mrad) | <3   |      |
| Beam diameter (mm)                 | ~2   | ~2.5 |
| Warm-up time (minutes)             | <15  |      |
| Beam height from base plate (mm)   | 55   |      |
| Cooled method                      | Water Cooled                               |      |
| Operating temperature (°C)         | 15~30                                      |      |
| Power supply (220VAC)              | PSU-DPS-Q-I                                |      |
| Expected lifetime( pulses)         | 10 <sup>9</sup>                            |      |
| Warranty period                    | 1 year                                     |      |



| DPS-266-Q   | PSU-DPS-Q-I   | WCH-1500  |
|---|---|---|
| <p>525 (L) ×160(W) ×100(H) mm<sup>3</sup>, 8 kg</p> | <p>Rep. Rate and Current can be adjusted by touch screen<br/>323 (L) ×306(W) ×106(H) mm<sup>3</sup>, 6 kg</p> | <p>580(L) ×290(W) ×470(H) mm<sup>3</sup>, 24 kg</p> |