

## UV-C-355/1W-2W

### LD PUMPED ALL-SOLID-STATE LASER

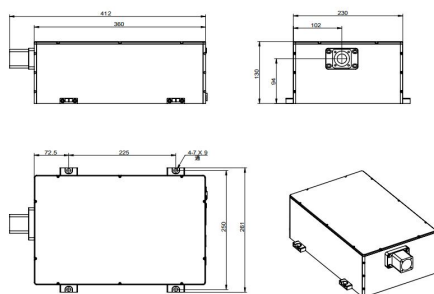
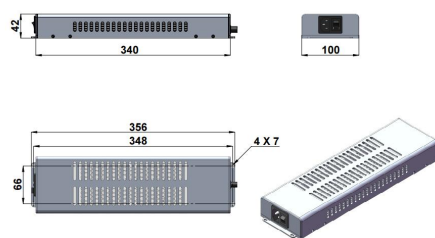
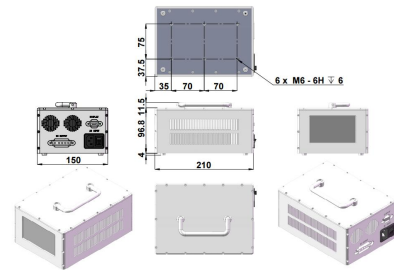
All solid - state CW mode UV laser is made with features of ultra - compactness, easy operation, high power and stability. It is perfect for applications such as flow cytometry, spectrum analysis, microscopy, semiconductor inspection, cell sorting, optical instruments, physics experiments, etc.



#### SPECIFICATIONS

|                                                       |                                           |
|-------------------------------------------------------|-------------------------------------------|
| Wavelength (nm)                                       | 355±1                                     |
| Operating mode                                        | CW                                        |
| Output power (mW)                                     | 1000-2000                                 |
| Power stability (rms, over 4 hours)                   | <5%, <3%, <2%                             |
| Transverse mode                                       | TEM <sub>00</sub>                         |
| Beam diameter at the aperture (1/e <sup>2</sup> , mm) | <2.0                                      |
| Beam divergence, full angle (mrad)                    | <4                                        |
| Beam quality (M <sup>2</sup> )                        | <1.3                                      |
| Polarization ratio                                    | >100:1, Horizontal                        |
| Warm-up time (minutes)                                | <10                                       |
| Beam height from base plate (mm)                      | 94                                        |
| Cooled method                                         | Water cooled                              |
| Operating Temperature (°C)                            | 10-35                                     |
| Supply Voltage                                        | DC 36V/ 13.9A (PSU-36/ PSU-36-C optional) |



| UV-C-355 <i>Integrated electronics</i>                                                                                               | PSU-36 <sup>①</sup> (Power supply 100-240VAC)                                                                                                       | PSU-36-C <sup>②</sup> (Power supply 100-240VAC)                                                                                               | Water Chiller (WCH-580)                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>412(L)×261(W)×130(H) mm<sup>3</sup>, 18 kg</p> |  <p>DC36V 13.9A; 340 (L)×100 (W)×66 (H) mm<sup>3</sup>, 2 kg</p> |  <p>210 (L)×150 (W)×112.3 (H) mm<sup>3</sup>, 2.75 kg</p> |  <p>369.8 (L)×258.4(W)×240.6 (H) mm<sup>3</sup>, 10.5 kg</p> |

Note:

①Adaptor for 36V/13.9A.



②Adaptor for 36V/13.9A, and power control function is included.