



## FPYL-266-XW-Q

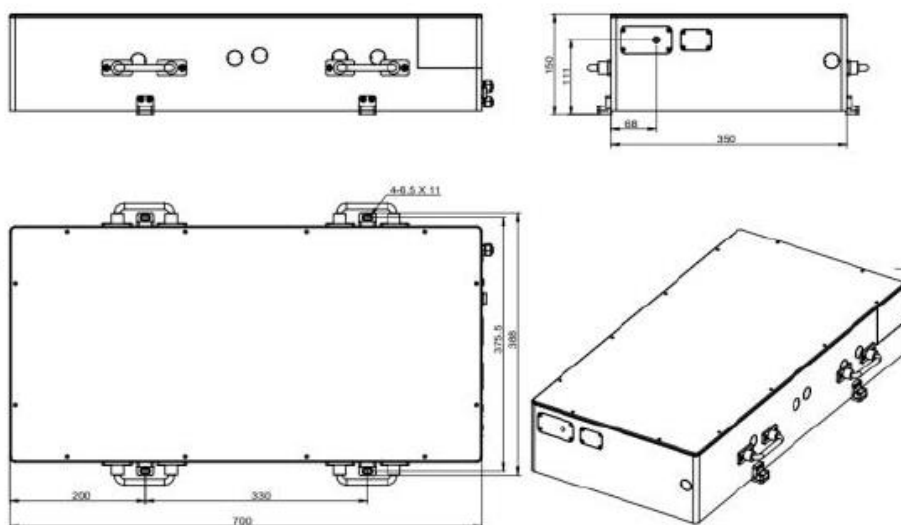
### High Power Ultra Violet Q-switched DPSS Laser

#### Specifications

|   |                   |
|---|-------------------|
| Wavelength (nm)                                       | 266±1             |
| Average Output Power (W)                              | 1 ~ 8* (@1MHz)    |
| Pulse Duration (ps)                                   | <10               |
| Repetition Rate (MHz)                                 | 0.4 ~ 2           |
| Power Stability (RMS, over 4 hours)                   | <1%, <3%*         |
| Peak-to-Peak Stability (RMS, over 4 hours)            | <2%               |
| Transverse Mode                                       | TEM <sub>00</sub> |
| Beam Quality (M <sup>2</sup> )                        | <1.2              |
| Beam Diameter at the Aperture (1/e <sup>2</sup> , mm) | ~3                |
| Beam Diameter Circularity                             | >90%              |
| Beam Divergence (full angle, mrad)                    | <1                |
| Polarization Ratio                                    | >100:1            |
| Beam Height from Base Plate (mm)                      | 111               |
| Warm-up Time (minutes)                                | <20               |
| Cooling Methode                                       | Water Cooling     |
| Power Supply Voltage (V, AC)                          | 100 ~ 240         |
| Operating Temperature (°C)                            | 20 - 30           |

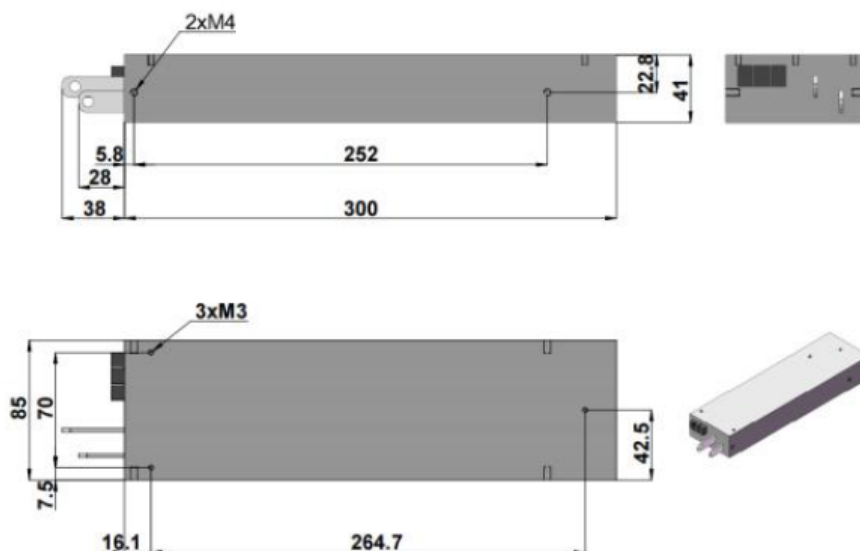
\* To be specified

## Laser Head Drawing



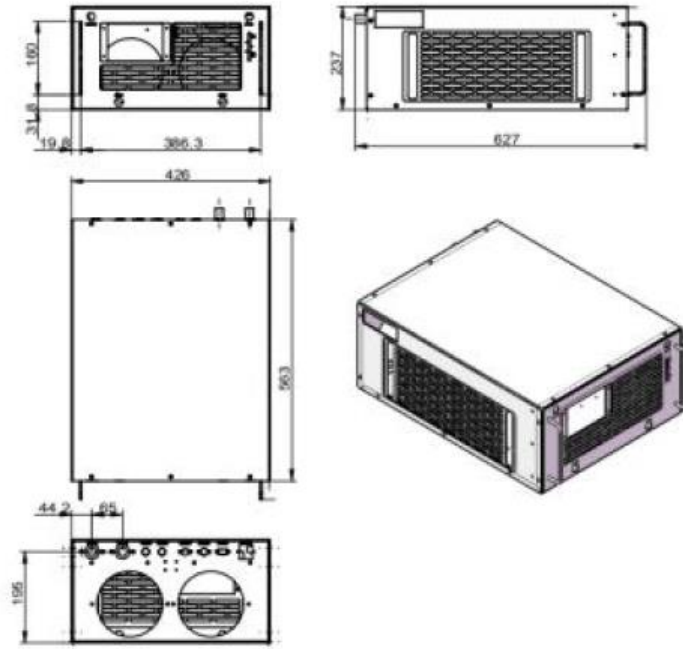
700 (L) × 388 (W) × 150 (H) mm<sup>3</sup>, 55 kg

## Power Supply Drawing (Optional)



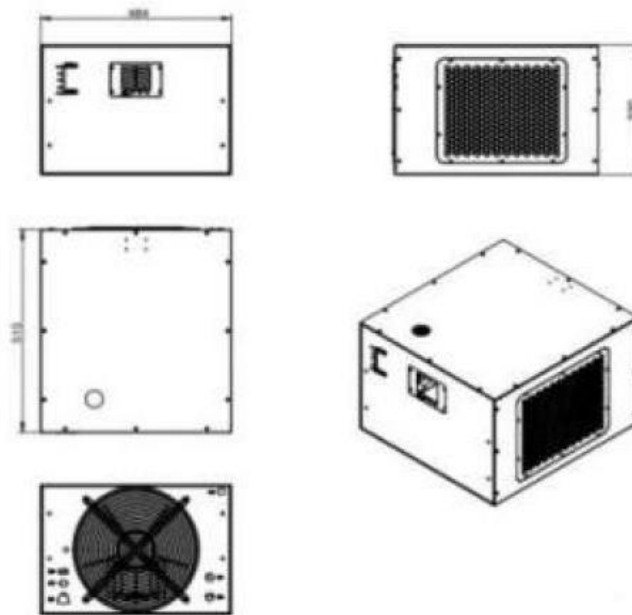
300 (L) × 85 (W) × 41 (H) mm<sup>3</sup>, 1.8 kg

### Water Chiller Drawing (Ambient Temperature $\leq 27^{\circ}\text{C}^{\circ}$ )



627 (L) × 426 (W) × 237 (H) mm<sup>3</sup>, 28 kg

### Water Chiller Drawing (Ambient Temperature $> 27^{\circ}\text{C}^{\circ}$ )



484 (L) × 515(W) × 330 (H) mm<sup>3</sup>, 30 kg