



FPYL-355-XXW-Q

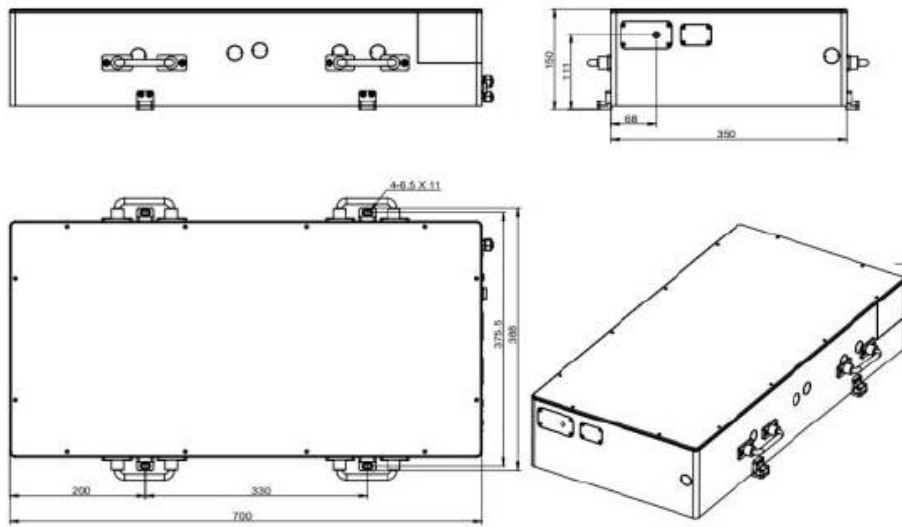
High Power Ultra Violet Q-switched DPSS Laser

Specifications

Wavelength (nm)	355±1
Average Output Power (W)	1 ~ 50* (@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 ₀₀
Beam Quality (M ²)	<1.2
Beam Diameter at the Aperture (1/e ² , 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

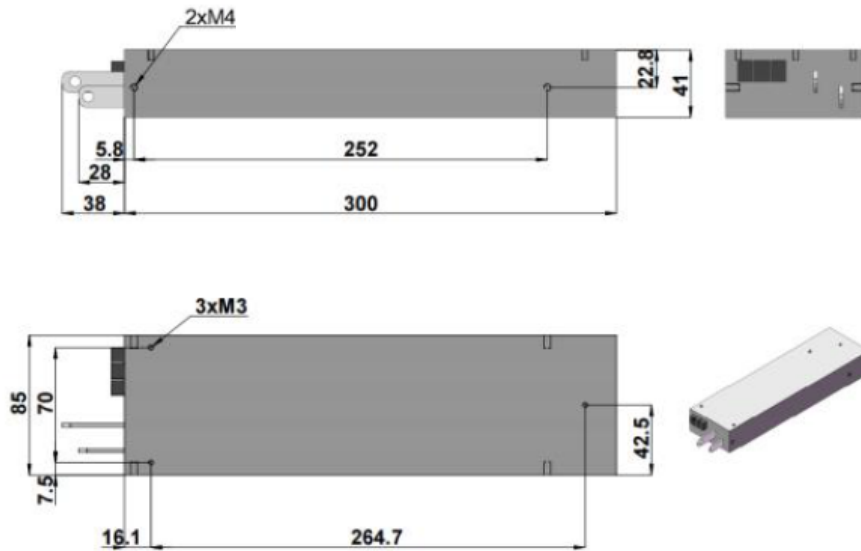
* To be specified

Laser Head Drawing



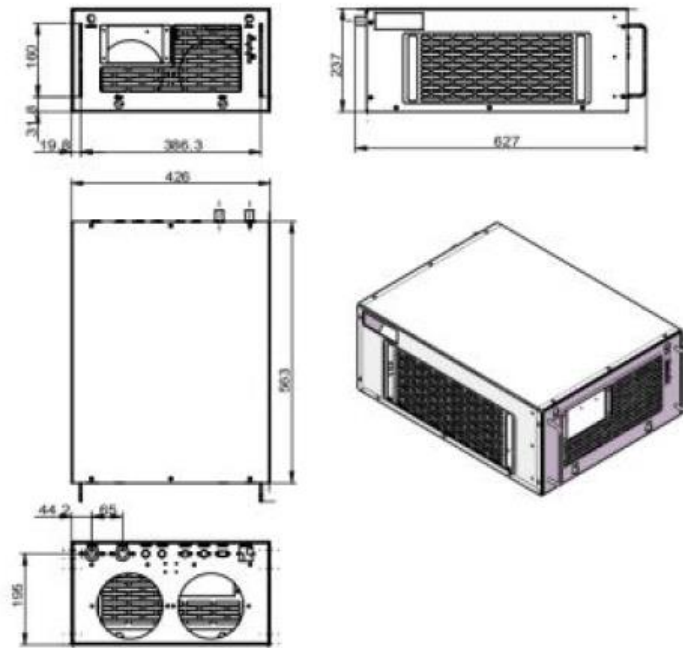
700 (L) × 388 (W) × 150 (H) mm³, 55 kg

Power Supply Drawing (Optional)



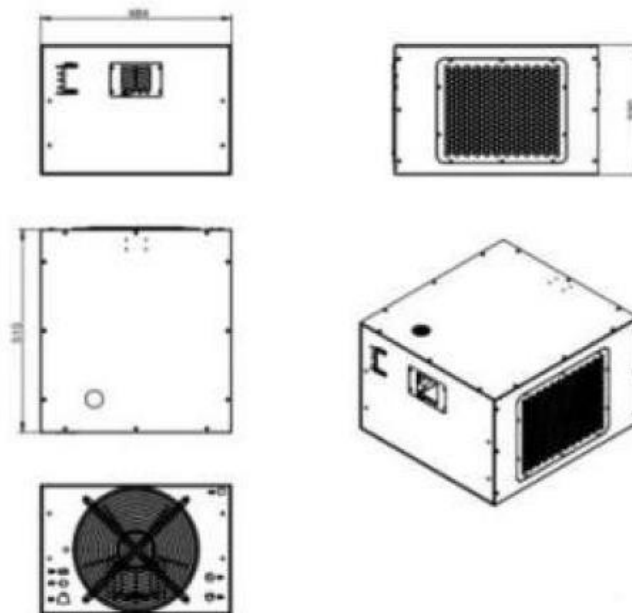
300 (L) × 85 (W) × 41 (H) mm³, 1.8 kg

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



627 (L) × 426 (W) × 237 (H) mm³, 28 kg

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



484 (L) × 515(W) × 330 (H) mm³, 30 kg