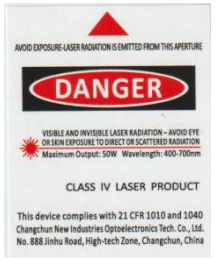
FC-W-637/ 4-40W

RED DIODE LASER AT 637nm

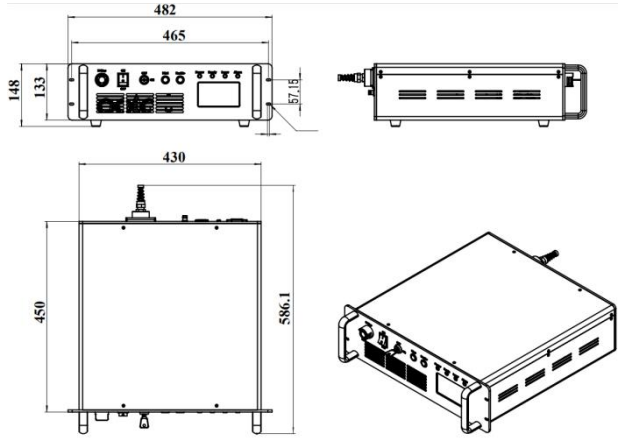
The 637nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

SPECIFICATIONS

Wavelength (nm)	637±5	
Operating mode	CW	
Output power (W) @ after 400um fiber[1]	4-30	30-40
Cooled method	Air cooled	Water cooled
Fiber Core Diameter (um)	200, 400, 600, 0.22NA	
Fiber Connector	SMA905, FC optional	
Fiber lengths[2]	1m	
Fiber Jacket	PVC, Metal optional	
Power stability (rms, 4 hours±3℃)	<2%, <1%, <0.5%	
Warm-up time (minutes)	<5	
Operating temperature (℃)	0-30	
Operating voltage (VAC)	100-240	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-50kHz optional; TTL and Analog optional	
Expected lifetime (hours)	>10000	



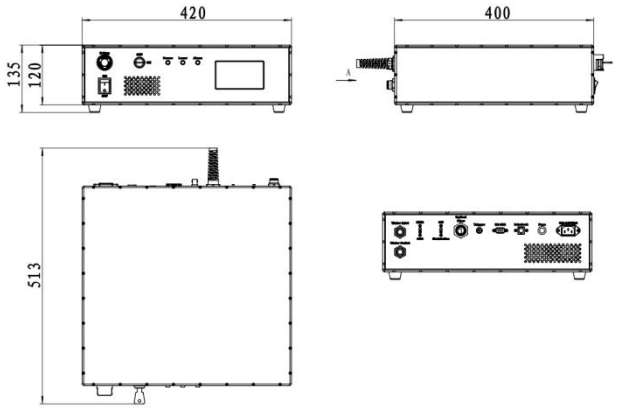
DIMENSION (FC-W-637C)



Air cooled

586.1 (L)×482 (W)×148 (H)mm3, 23.2kg

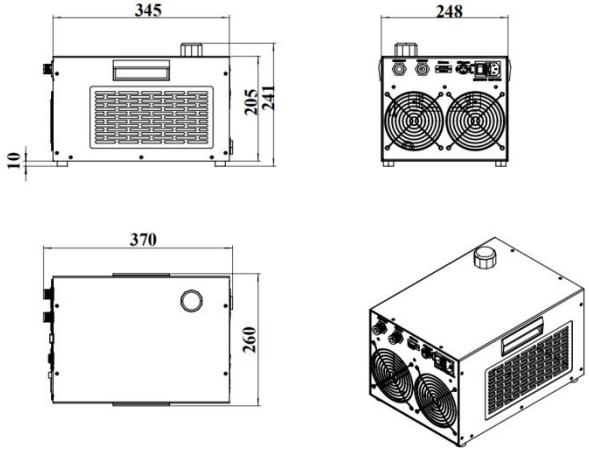
DIMENSION (FC-W-637H)



Water cooled

513 (L)×420 (W)×135 (H)mm³, 20.6kg

WATER CHILLER (Optional)



370 (L)×260 (W)×241 (H)mm³, 10.2kg

1 Any power level can be selected in this range.
2 other lengths are available on request.