

FC-W-520/ 20-70W

GREEN DIODE LASER AT 520nm

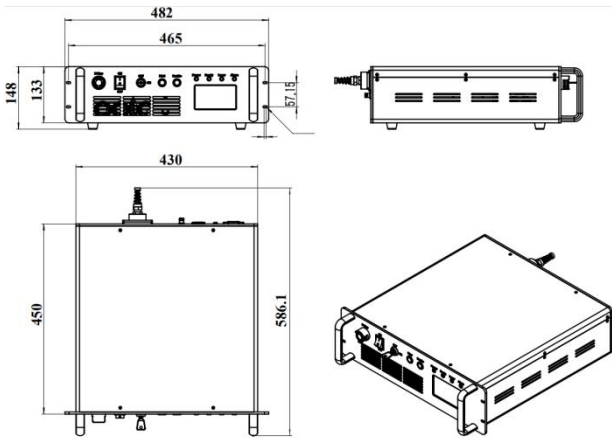
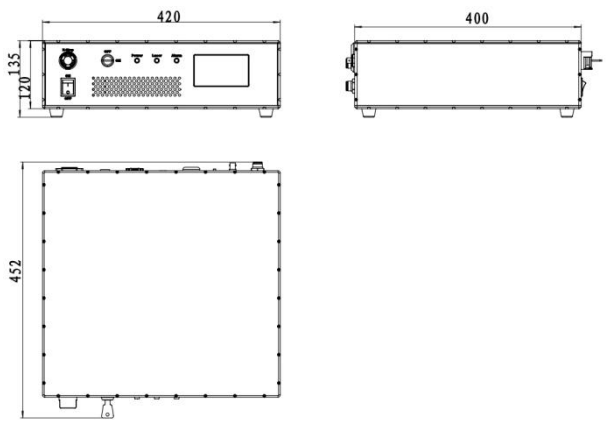
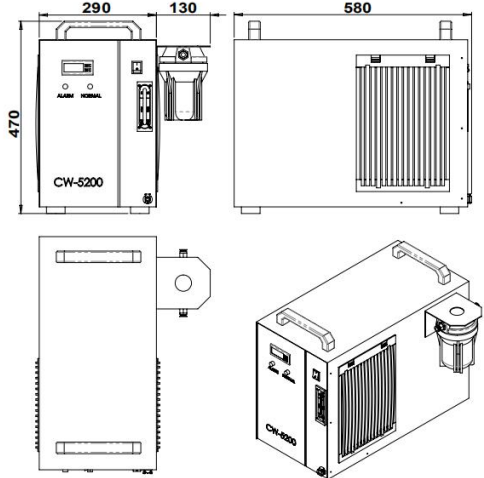
The 520nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.



SPECIFICATIONS

Wavelength (nm)	520±5	
Operating mode	CW	
Output power (W) @ after 400um fiber ¹	20	20-70
Cooled method	Air cooled	Water cooled
Fiber Core Diameter (um)	200, 400, 600, 0.22NA	
Fiber Connector	SMA905, FC, QBH optional	
Fiber lengths ²	1m	
Fiber Jacket	PVC, Metal optional	
Power stability (rms, 4 hours±3°C)	<2%, <1%, <0.5%	
Warm-up time (minutes)	<5	
Operating temperature (°C)	0-30	
Operating voltage (VAC)	100-240	
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional	
Expected lifetime (hours)	>10000	



DIMENSION (FC-W-520C)	DIMENSION (FC-W-520H)	WATER CHILLER (Optional)
 <p style="text-align: center;">Air cooled 586.1 (L)×482 (W)×148 (H)mm³, 23.2kg</p>	 <p style="text-align: center;">Water cooled 452 (L)×420(W)×135 (H)mm³, 22.2kg</p>	 <p style="text-align: center;">580(L)×290(W)×470(H)mm³, 25kg</p>

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