



FC-W-879/20~500W

HIGH POWER FIBER COUPLING DIODE LASER SYSTEM AT 879 nm

The FC-W-879 series (Fiber Coupling Laser System) have integrated laser diode, fiber coupling optics, laser power supply, LD current and temperature control in ONE box. Its compact dimension and convenient functions, such as power adjustment, temperature control, LED display etc, make it very suitable for pumping, scientific research, industrial and medical applications.

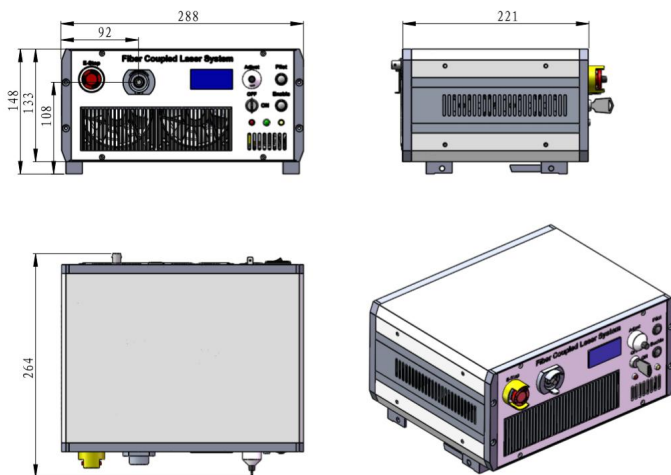


SPECIFICATIONS

Model	FC-W-879A	FC-W-879H	
Wavelength (nm)	879±3	879±10	
Operating mode	CW		
After fiber output power (W)	> 20,30, ..., 50	>50, 60, ... , 200	200~500(On request)
Power stability (rms, over 4 hours)	<2%, <1%, <0.5%		
Red pilot light	Available on request		
Fiber core diameter (μm)	400		
Fiber NA	0.22		
Fiber connector	SMA905		
Fiber length (m)	2		
LED display	Diode current		
Operating temperature (°C)	10~40		
TTL / Analog modulation	TTL or Analog with 1Hz-1kHz 1kHz-10kHz, 10kHz-30kHz optional		
Input power	100-240VAC, 50 to 60 Hz		
Cooling Way	Air Cooled	Air Cooled	Water Cooled
Dimensions(mm ³)	288 (L) ×264 (W) ×148 (H)	425 (L) ×373 (W) ×148 (H)	On request
Expected lifetime (hours)	10000		
Warranty	1 year		

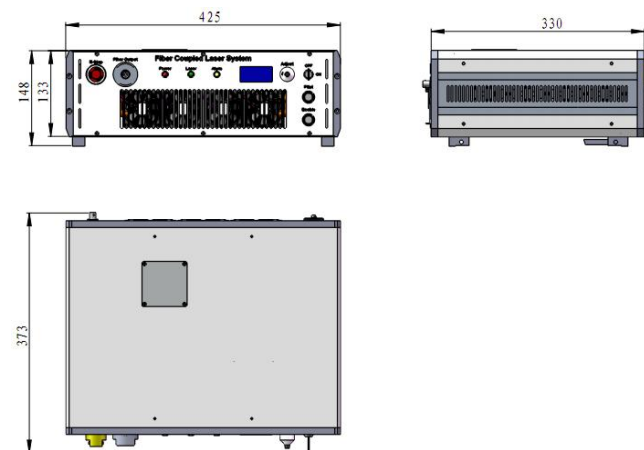


FC-W-879A



288 (L) ×264 (W) ×148 (H) mm³, 7.1 kg

FC-W-879H (50~200W)



425 (L) ×373 (W) ×148 (H) mm³, 14.4 kg