



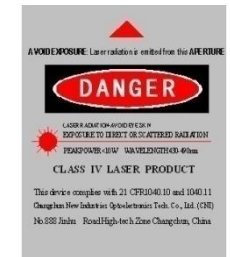
FC-W-638/ 808/ 980/ 1470C 62W

### HIGH POWER FIBER COUPLING DIODE LASER SYSTEM AT 638/ 808/ 980/ 1470nm

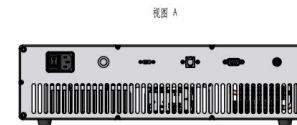
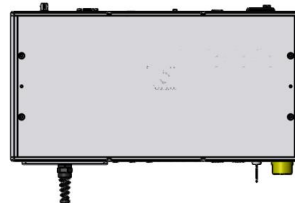
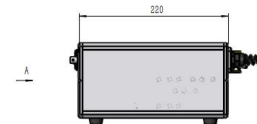
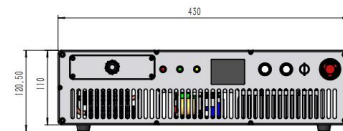
The FC-W-638/ 808/ 980/ 1470 series (Fiber Coupling Laser System) have integrated laser diode, fiber coupling optics, laser power supply, LD current and temperature control in ONE box. Its compact dimension and convenient functions, such as power adjustment, temperature control, LED display etc, make it very suitable for scientific research, industrial and medical

#### SPECIFICATIONS

Wavelength (nm)	638±10	808±10	980±10	1470±10
Output power (W) @ after 200um fiber	0.4	22	30	10
Operating mode	CW			
Cooled method	Air cooled			
Fiber Core Diameter (um)	200, 400			
Fiber Connector	SMA905/ FC			
Numerical Aperture (NA)	0.22			
Power stability (rms, over 4 hours)	<1%			
Warm-up time (minutes)	<5			
Operating temperature (°C)	25+/- 3			
Power supply	100-240VAC			
Modulation option	TTL/ Analog 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz			
Expected lifetime (hours)	10000			



#### Laser



430 (L)×220 (W)×120.5 (H)mm<sup>3</sup>