



FL-1064/1080-CW/1-500W

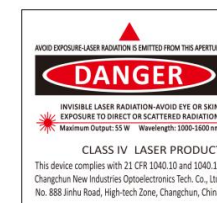
HIGH POWER ALL FIBER CW LASER

High power air cooled all fiber CW laser at 1064/1080nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in laser radar, life science, material processing, microelectronics, scientific research, etc.



SPECIFICATIONS

Wavelength (nm)	1064±2	1080±2
Operating mode	CW or Modulated	
Output power (W) ¹	1-500	
Transverse mode	TEM ₀₀ @1-20W	Multimode@>20W
Power stability (rms, 4 hours ±3°C)	<3%, <2%, <1%	
Fiber connector ²	FC/APC, Collimator optional	
Fiber length (m) ³	1	
Fiber jacket	PVC, Metal optional	
Beam diameter (mm) ⁴	4±1 (Collimator output)	
M ²	<1.2	<1.5
Polarization state	Random	
Warm-up time (minutes)	<15	
Operating temperature (°C)	15-35	
Cooled method	Air cooled/Water cooled	
Operating voltage (VDC/VAC)	12V/11.5A or 110/220VAC	
Expected lifetime (hours)	>10000	



LASER HEAD (Driver integrated) (FL-10xx-CW-I) ⁵	POWER SUPPLY (100-240VAC) optional	LASER HEAD (Driver integrated) (FL-10xx-CW-II) ⁶	LASER HEAD (Driver integrated) (FL-10xx-CW-III) ⁷
247(L)×200(W)×65(H) mm³, 3.5kg	350(L)×185(W)×60(H) mm³, 0.7kg	483(L)×411(W)×89(H) mm³, 8kg	482(L)×612.5(W)×178(H) mm³, 33kg

- 1 Output power adjustable 10-100%. 2 Other output mode can be customized. 3 Other lengths are available on request. 4 Other beam diameter can be customized.
5 Output power is 1-10W and operating voltage is DC 12V. 6 Output power is 10-50W and operating voltage is AC 220V. 7 Output power is 50-500W and AC 220V.