

FL-1xxx-CW/1-10W/1-20W/1-100W

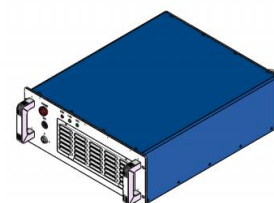
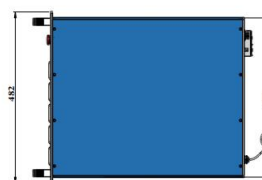
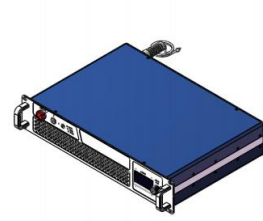
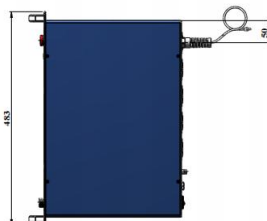
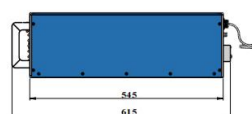
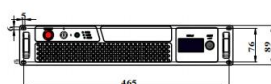
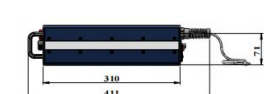
HIGH POWER ALL FIBER CW LASER

High power air cooled all fiber CW laser 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) ¹	1018±2	1040±2	1050±2	1060±2	1070±2	1090±2	1100±2
Line width(nm)	<2nm						
Operating mode	CW						
Output power (W)	1-10	1-100				1-20	1-10
Transverse mode	TEM00	TEM00@1-20W, Multimode@>20W				TEM00	
Power stability (rms, 4 hours ±3℃)	<3%, <2%, <1%						
M ²	<1.2@1-20W, <1.5@>20W						
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)						
Polarization state	Random						
Warm-up time (minutes)	<15						
Operating temperature (℃)	15-35						
Cooled method	Air cooled						
Power supply (VAC)	110/220VAC						
Expected lifetime (hours)	>10000						
Options	Any wavelength between 1030-1100nm can be customized						



411×483×89mm³, 8kg (1-50W)

612.5×482×178mm³, 33kg (>50W)

- Any wavelength between 1030-1100nm can be customized.
- Other output mode can be customized.
- Other lengths are available on request.
- Other beam diameter can be customized