

FL-1550-CW/1-20W

HIGH POWER ALL FIBER CW LASER

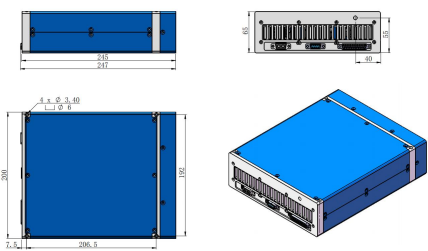
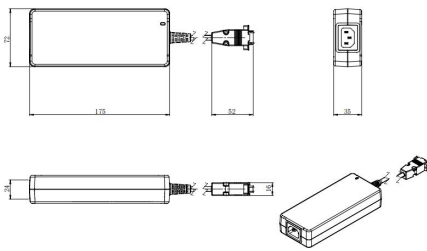
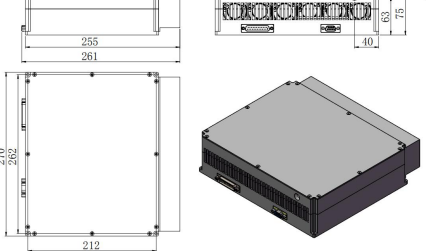
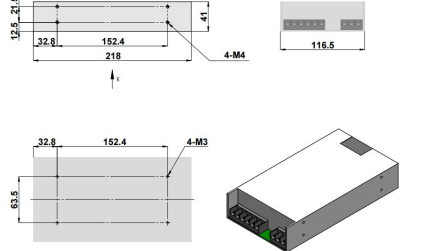
High power all fiber CW laser at 1550nm is made features of ultra compact, long lifetime, low cost and easy operating, eyesafe wavelength, which is widely used in medical cosmetology, holography spectrum analysis, scientific experiment, etc.



SPECIFICATIONS

Wavelength (nm)	1550±10	
Operating mode ¹	CW or Modulated	
Output power (W)	1-10	10-20
Power stability (rms, 4 hours ±3°C)	<3%, <2%	
M ²	<1.2	<1.5
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 (dB)	Random / >15	
Warm-up time (minutes)	<15	
Cooled method	Air cooled or water cooled (optional)	
Operating temperature (°C)	15-35	
Operating voltage (VDC)	12V/11.5A	24V/21A
Expected lifetime (hours)	>10000	



LASER HEAD (Driver integrated) (FL-1550-CW-I) ⁵	POWER SUPPLY (100-240VAC) optional	LASER HEAD (Driver integrated) (FL-1550-CW-II) ⁶	POWER SUPPLY (100-240VAC) optional
 247(L)×200(W)×65(H) mm³, 3.5kg	 350(L)×185(W)×60(H) mm³, 0.7kg	 270(L)×261(W)×75(H) mm³, 6kg	 218(L)×116.5(W)×41(H) mm³, 1.1kg

1 Output power adjustable 10-100%, modulated frequency is 20kHz. 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 12V/11.5A.

6 Output power is 10-20W and operating voltage is 24V/21A.

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