



FL-560-SF/1~100mW

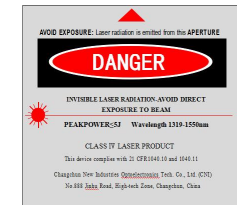
**SINGLE FREQUENCY MODE
FIBER LASER AT 560 nm**

All polarization fiber single frequency mode high power laser at 560nm is consisting of the seed laser and an amplifier optimized for low noise operation and application demanding more optical power, which has been designed for operation in laser cooling trapping, optical lattice, pump laser for OPO, Ti:Sapphire, Biomedical, Fundamental light for UV laser, etc.



SPECIFICATIONS

Wavelength (nm)	560±1
Operating mode	CW
Free space output power (mW)	100
Fiber coupled output power (mW)	50
Power stability (rms, over 4 hours)	<2%, <1%
Transverse mode	TEM ₀₀
Spectral linewidth (KHz)	<40
M ² factor	<1.2
Polarization ratio(dB)	>15
Warm-up time (minutes)	<30
Operating temperature (°C)	15~30
Power supply (V AC)	AC 220
Expected lifetime (hours)	10000
Warranty	1 year
Options	RS 232/485 interface



FL-560-SF	Second harmonic(Free space)	Second harmonic(Fiber coupled)	Free space
<p>452(L)×483(W) ×133(H) mm³ 10kg</p>	<p>284(L)×118(W) ×40.5(H) mm³ 1kg</p>	<p>318(L)×118(W) ×40.5(H) mm³ 1.1kg</p>	