



FL-1100-SF/1~5000W

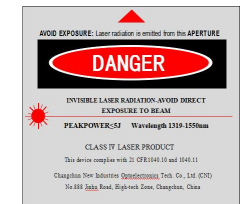
**SINGLE FREQUENCY MODE
FIBER LASER AT 1100 nm**

All polarization fiber single frequency mode high power laser at 1100nm 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 source for frequency doubling, Mid-Infrared pump laser, Neutron Source of Solid State Laser, Biomedical research, etc.



SPECIFICATIONS

Wavelength (nm)	1100±1		
Operating mode	CW		
Output power (mW)	200	1000	5000
Power stability (rms, over 4 hours)	<2%, <1%, <0.5%		
Transverse mode	TEM ₀₀		
Longitudinal mode	Single		
Spectral linewidth (KHz)	<20		
M ² factor	<1.2		
Beam Delivery Optics	FC/APC		
Polarization ratio(dB)	>15dB		
Warm-up time (minutes)	<30		
Operating temperature (°C)	15~30		
Power supply	AC 220V		
Expected lifetime (hours)	10000		
Warranty	1 year		
Options	RS 232/485 interface		



FL-1100-SF(<10mW)	FL-1100-SF(>10mW)	
<p style="text-align: center;">128(L)×69(W) ×24.2(H) mm³, 0.95kg</p>	<p style="text-align: center;">483(L)×452(W) ×133(H) mm³, 10 kg</p>	