FL-343-Nano/10-300mW

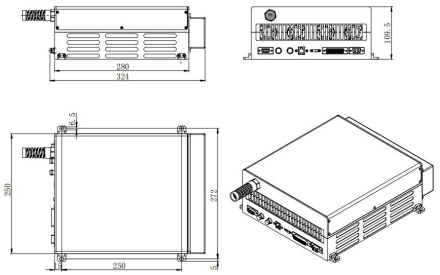
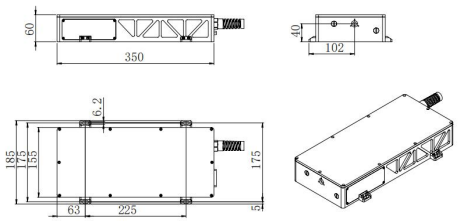
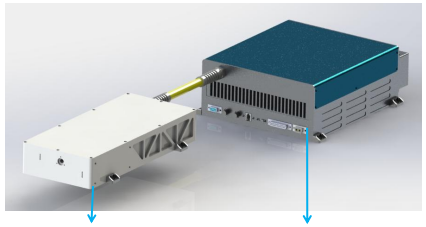
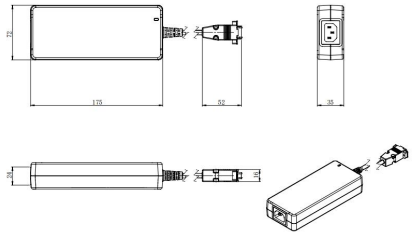
HIGH FREQUENCY ALL FIBER PULSED LASER

High frequency all fiber pulsed laser at 343nm is made features of high output power stability, good beam profile, ultra compact, long lifetime, low cost and easy operating, which is widely used in scientific research, laser processing, and so on.

SPECIFICATIONS

Wavelength (nm)	343±1
Operating mode	Pulsed
Average power (mW)[1]	10-300
Power stability (rms, 4 hours ±3℃)	<5%, <3%
Pulse duration (ns)[2]	0.5-50
M^2	<2
Rep. rate (MHz)[3]	0.1-1
Polarization ratio (dB)	>15 Horizontal (Vertical optional)
Warm-up time (minutes)	<15
Delivery fiber length (cm)	60
Cooled method	Air cooled
Operating temperature (℃)	15-35
Operating voltage (VDC)	12V/11.5A
Expected lifetime (hours)	>10000



LASER HEAD (Driver integrated)			POWER SUPPLY (100-240VAC) optional
Fundamental Frequency	Third harmonic		
			
324(L)×282(W) ×109.5(H) mm³, 8.5 kg	350(L)×185(W) ×60(H) mm³, 2.5kg	Third harmonic FL-1030-Nano	350(L)×185(W) ×60(H) mm³, 0.7kg

1 Output power adjustable 10-100%;

2 One fixed value between 0.5-50ns; Pulse width 0.5-5ns or 5-50ns variable.

3 One fixed value between 0.1-1MHz. Repetition rate 0.1-1MHz variable and other frequency can be customized.