

FL-355-PS/1-50mW

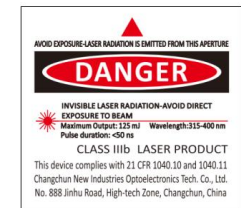
### MODE-LOCKED ALL FIBER PULSED LASER

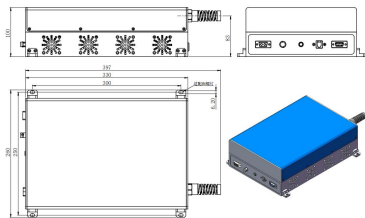
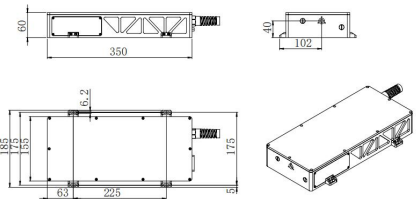
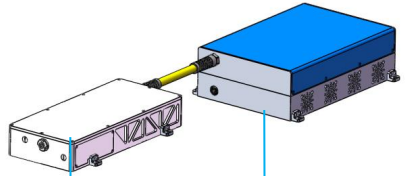
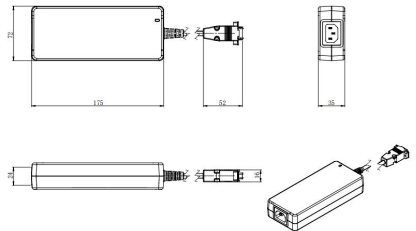
Mode-locked all fiber pulsed laser at 355nm with SESAM technique is made features of high output power stability, good beam profile, ultra compact, long lifetime, cost-effectiveness and easy operating, which is widely used in scientific research, laser processing, and so on.



#### SPECIFICATIONS

Wavelength (nm)	355±1
Operating mode	Passively
Average power (mW)	1-50
Power stability (rms, 4 hours ±3°C)	<5% , <3%
Pulse duration (ps)	<10
M <sup>2</sup>	<2
Rep. rate <sup>1</sup>	20-50MHz
Polarization ratio (dB)	>15 Horizontal (Vertical optional)
Warm-up time (minutes)	<15
Beam height from base plate (mm)	40
Delivery fiber length(cm)	60
Cooled method	Air cooled
Operating temperature (°C)	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		
 <p>330(L)×260(W)×100(H) mm<sup>3</sup> 5.5 kg</p>	 <p>350(L)×185(W)×60(H) mm<sup>3</sup> 2.5kg</p>	 <p>Third harmonic      FL-1064-PS</p>	 <p>350(L)×185(W)×60(H) mm<sup>3</sup>, 0.7kg</p>

1 One fixed value between 20-50MHz, frequency accuracy ±1 MHz.