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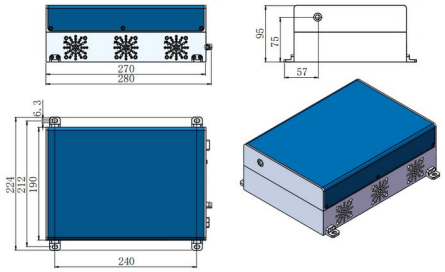
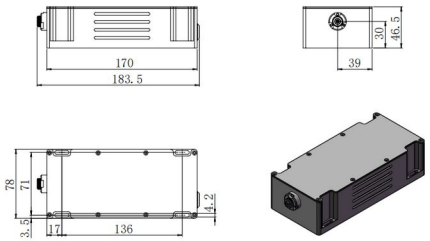
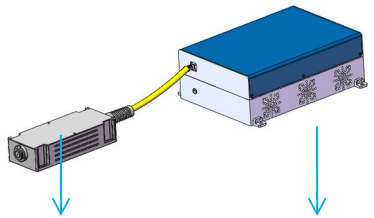
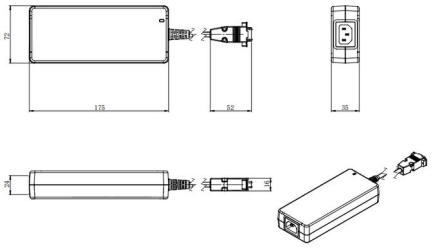
FL-532-Nano/1-20W

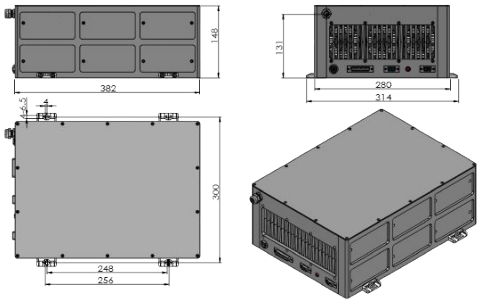
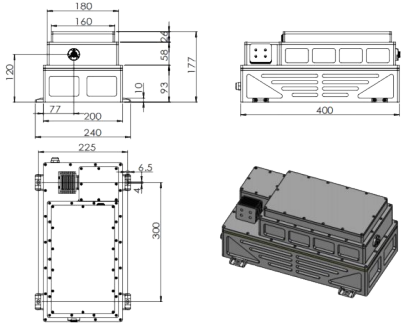
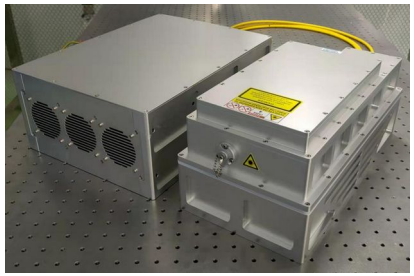
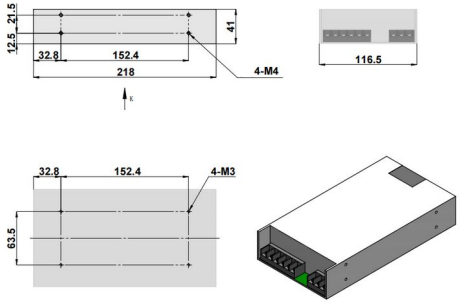
HIGH FREQUENCY ALL FIBER PULSED LASER

High frequency all fiber pulsed laser at 532nm 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 laser drilling, glass engraving, scientific research, etc.

SPECIFICATIONS

	FL-532-Nano-I	FL-532-Nano-II
Wavelength (nm)	532±1	
Operating mode	Pulsed	
Average power (mW)[1]	1-1000	1-20W
Power stability (rms, 4 hours ±3°C)	<3%, <2%	
Pulse duration(ns)[2]	0.5-50	4,8,14,20,30
M^2	<1.8	<1.3
Rep. rate[3]	100kHz-1MHz	20kHz-1MHz
Polarization ratio (dB)	>15 Horizontal (Vertical optional)	
Warm-up time (minutes)	<15	
Delivery fiber length(m)[4]	0.6	4
Cooled method	Air cooled	
Operating temperature (°C)	15-35	
Operating voltage (VDC)	12V/11.5A	24V/21A
Expected lifetime (hours)	>10000	

LASER HEAD (Driver integrated) (FL-532-Nano-I)[5]			POWER SUPPLY (100-240VAC) optional
Fundamental Frequency	Second harmonic		
			
280(L)×224(W) ×95(H) mm³, 3.5kg	**183.5(L)×78(W) ×46.5(H) mm³, 1kg**	**Second harmonic** **FL-1064-Nano**	**350(L)×185(W) ×60(H) mm³, 0.7kg**

LASER HEAD (Driver integrated)(FL-532-Nano-II)[6]			POWER SUPPLY (100-240VAC) optional
Fundamental Frequency	Second harmonic		
 **382(L)×314(W)×148(H)mm³,13.3kg**	 **400(L)×240(W)×177(H)mm³,11.6kg**		 **218(L)×116.5(W)×41(H)mm³,1.1kg**

1Output power adjustable 10-100%;

2One fixed value between0.5-50ns;Pulse width 0.5-5ns or 5-50ns variable.

3One fixed value between0.1-1MHz.Repetition rate 0.1-1MHz variableand other frequency can be customized.

4 Other lengths are available on request.

5Average power≤1W.

6 Average power is 5-20W.