



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.



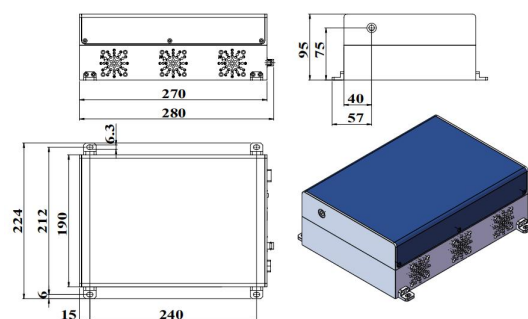
SPECIFICATIONS

	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	



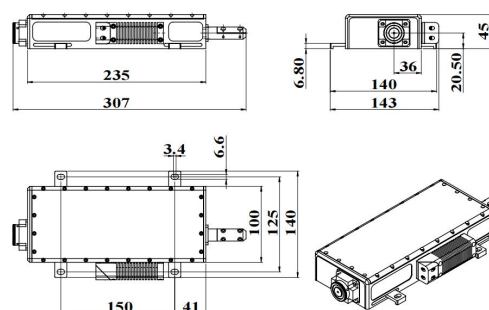
LASER HEAD (Driver integrated)⁵

Fundamental Frequency



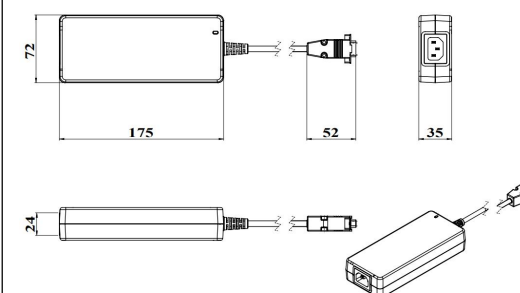
280(L)×224(W)×95(H) mm³, 3.5kg

Second harmonic

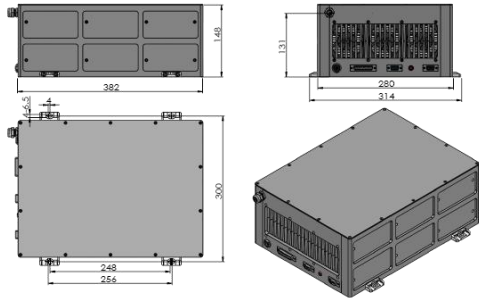
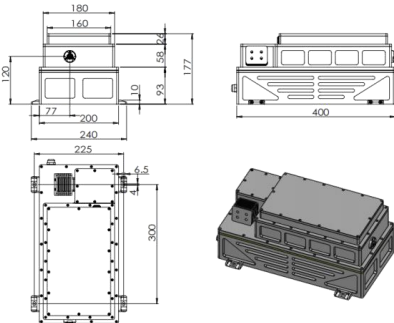
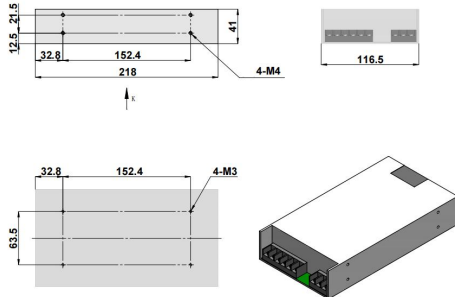


183.5(L)×78(W)×46.5(H) mm³, 2kg

POWER SUPPLY (100-240VAC) optional



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

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.

4 Other lengths are available on request.

5 Average power ≤1W.

6 Average power is 5-20W.