



**Model No. FLPM-532-P-XZ**  
**532nm GREEN FIBER PULSED LASER SYSTEM UP TO ~150mW**

The FLPM-series 532nm picosecond all fiber pulsed laser with SESAM technique is constructed with features of high output power stability, good beam profile, ultra-compact design, long lifetime, cost-effectiveness and easy operation. It is commonly used in TCSPC, picosecond processing, laser drilling, glass engraving, scientific research and many other applications.

**SPECIFICATIONS**

<b>Model No.</b>	<b>FLPM-532-P-XZ</b>
<b>Wavelength (nm)</b>	532±1
<b>Operating mode</b>	Passive mode-locked
<b>Output power (mW)</b>	~50 (X=50), ~100 (X=100), ~150 (X=150)
<b>Pulse width (ps)</b>	<10
<b>Power stability (rms, over 4 hours)</b>	<3% (Z=E)
<b>Repetition frequency (MHz)</b>	One fixed value between 20-80 MHz ±1 MHz
<b>M<sup>2</sup> factor</b>	<1.5
<b>Polarization ratio</b>	>15dB
<b>Warm-up time (minutes)</b>	<15
<b>Beam height from base plate (mm)</b>	30
<b>Operating temperature (°C)</b>	15-35
<b>Second Harmonic</b>	220(L) x100(W) x53(H) mm <sup>3</sup> ; 1.1 kg
<b>Power supply</b>	Input voltage 5V DC
	Dimensions/Weight 344(L) x200(W) x100(H) mm <sup>3</sup> ; 6.5 kg
<b>Expected lifetime (hours)</b>	10,000
<b>Warranty</b>	10 months

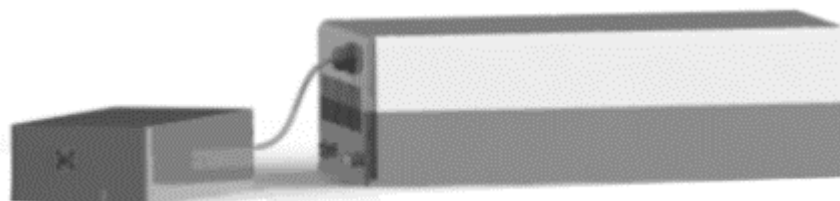
**Note: The above specifications are subject to change without notice.**

**FLPM-532-P-XZ**



**Second Harmonic**

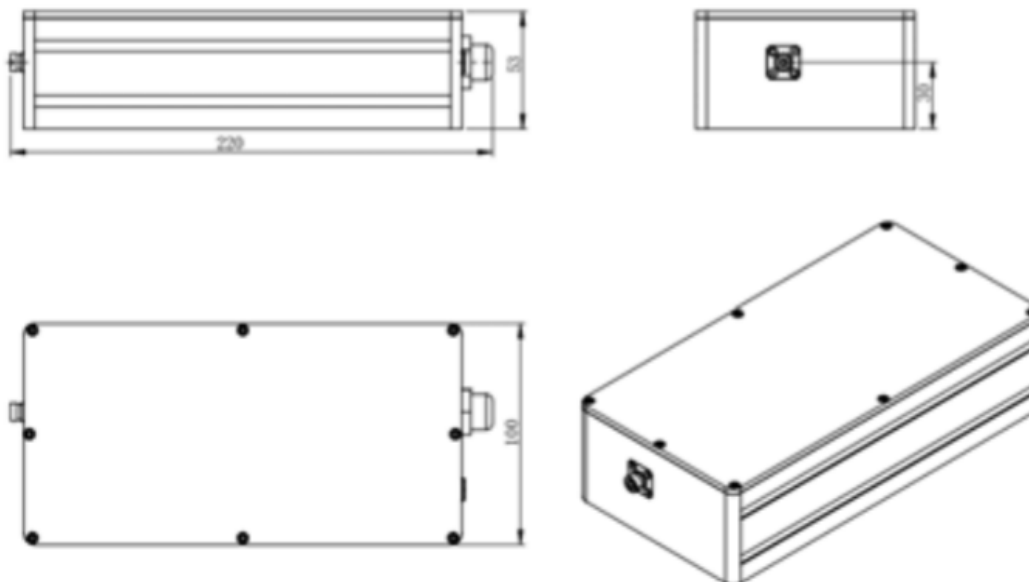
**FLPM-1064-P-XZ**



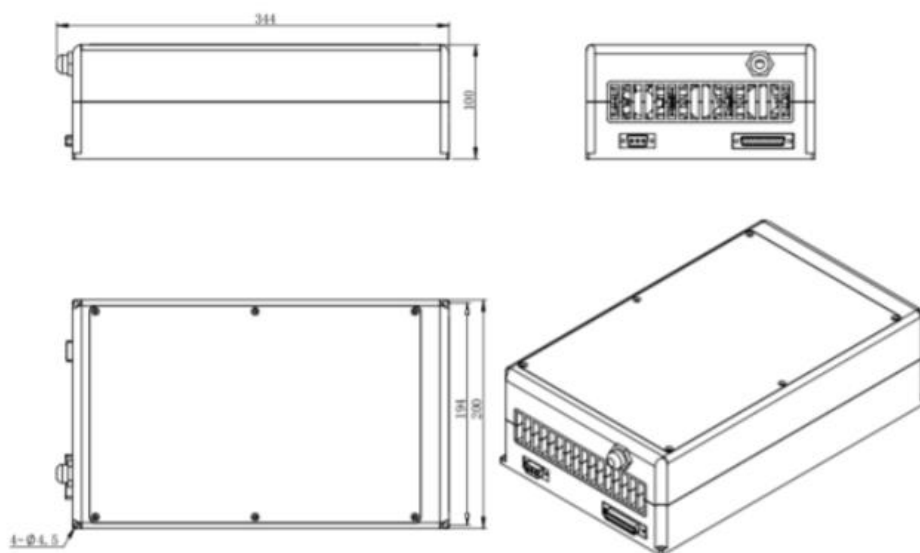


MECHANICAL OUTLINE (unit: mm)

Second Harmonic



FLPM-1064-P-XZ



Front Panel



Back Panel



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