



Model No. FLPM-1064-K-XZ
1064nm INFRARED FIBER PULSED LASER UP TO ~5000mW

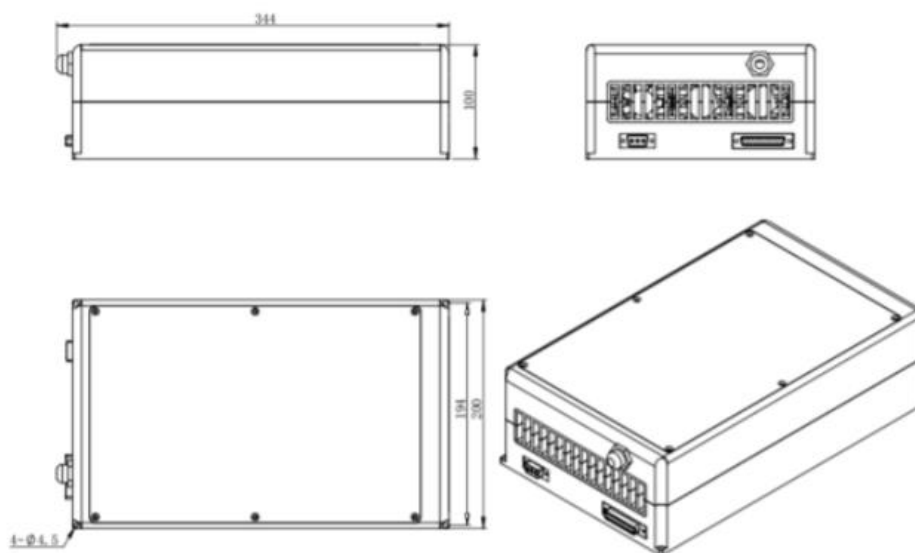
The FLPM-series 1064nm picosecond all fiber pulsed laser is constructed with features of high output power stability, good beam profile, ultra-compact design, long lifetime, cost-effectiveness and easy operation. It is commonly used in laser radar, precision marking, precision drilling, life science, precision etching, military defense, microelectronics, scientific research and many other applications.

SPECIFICATIONS

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| Model No. | FLPM-1064-K-XZ |
| Wavelength (nm) | 1064±1 |
| Operating mode | Pulsed |
| Output power (mW) | ~500 (X=500), ~1000 (X=1W), ~2000 (X=2W), ~3000 (X=3W), ~4000 (X=4W), ~5000 (X=5W) |
| Pulse width (ps) | One fixed value between 100-900ps |
| Power stability (rms, over 4 hours) | <3% (Z=E), <2% (Z=2) |
| Repetition frequency (MHz) | One fixed value between 0.1-20MHz |
| M² factor | <1.2 for X=500; <1.8 for X=1W,2W,3W,4W,5W |
| Polarization ratio | Random / >15dB |
| Warm-up time (minutes) | <15 |
| Operating temperature (°C) | 15-35 |
| Laser Dimensions/Weight | 344(L) x200(W) x100(H) mm ³ ; 6.5 kg |
| Power supply | 24V DC |
| Expected lifetime (hours) | 10,000 |
| Warranty | 10 months |

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

MECHANICAL OUTLINE (unit: mm)



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