

### Key Features

- Turn Key Operation
- Built-in Laser Driver & TEC
- Adjustable Pulse Repetition Rate
- Stable Pulse & Low Jitter

### Applications

- Laser Machining Seed Source
- Picosecond Optical Pulse Generation
- LIDAR, Atmospheric Monitoring
- Biophotonics Imaging Light Source



Category	Parameter	Specification			Unit
		Min	Typ	Max	
Optical Characteristics	Operating Wavelength		1030, 1064		nm
	Average Output Power @ 100 MHz		0.1		mW
	Optical Pulse Width @ FWHM		35 ~ 75		ps
	Repetition Rate (Built-in Synthesizer)	0.1		250	MHz
	Polarization Extinction Ratio (PER)	14			dB
	Output Polarization		Linear		
	Output Fiber Type		Panda PM980		
	Output Fiber Connector		FC or SC, SPC or APC		
Electrical Characteristics	Trigger Output Shape		Sine Wave		
	Trigger Output Level	0.5	1		Vpp
	Duty Cycle		50		%
Control	Remote Control		USB		
Recommended Operating Conditions	Power Supply		AC 100~240 V, 50/60 Hz		Vac
	Operating Temperature		+15 ~ +40		°C
	Storage Temperature		0 to +60		°C
Physical	Dimension (WxHxD)		238 x 88 x 360		mm
	Weight		5		kg

Note: (1) Measured at 25°C±5°C.

### Order Instruction

Model LPP-1000-XX-YY  
 XX: 30 → 1030nm, 64 → 1064nm  
 YY: FS→FC/SPC, FA→FC/APC, SS→SC/SPC, SA→SC/APC

