

Data Sheet

Models 9122, 9123

Single Output Programmable DC Power Supplies

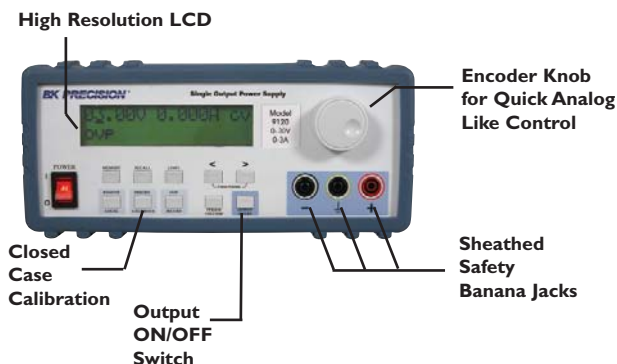
- Speed
- Power
- High Resolution

The 9120 series power supplies are designed to meet the needs of today's applications in R&D design verification, university labs, production testing, and other applications that require clean/reliable power and excellent performance. With meter resolution of 10mV and 1mA, these power supplies are ideal for low power surface mount circuits that require very precise voltage and current settings.

New microprocessor control circuitry allows these power supplies to offer unmatched temperature stability and remarkably fast transient response times with a load regulation of 0.01% + 3mV. These power supplies are smart enough to power-up in to the same state they were when they were powered off. This allows the units to go back to work as soon as power is restored whether the power-off was intentional or caused by a power outage. There is enough non-volatile memory to store up to 100 power supply settings allowing quick and easy testing when multiple voltage and current values are required.

- 10mV & 1mA display resolution
- RS 232 interface
- GPIB interface model 9123
- SCPI compatible
- Remote sensing
- Front and rear output terminals
- Low noise
- Excellent regulation
- Rock solid temperature stability
- Fast transient response time
- Closed case calibration

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| Specifications | Models | |
|---------------------------------|-------------------|----------------------|
| | 9122 | 9123 |
| Output Voltage | 0-60V | 0-30V |
| Output Current | 0-2.5A | 0-5A |
| Voltage Regulation | | |
| Load (Utilizing Remote Sensing) | ≤ 0.01% + 3mV | |
| Ripple & Noise | ≤ 1mVrms & 8mVp-p | ≤ 0.05mVrms + 5mVp-p |
| Metering | | |
| Type | Backlit LCD | |
| Voltmeter Resolution | 10mV | |
| Voltmeter Accuracy | ≤ 0.05% + 5mV | |
| Current Meter Accuracy | ≤ 0.15% + 5mA | |
| Current Meter Resolution | 1mA | |