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Data Sheet
August 14, 2026

BK PRECISION

BK Precision 9129B Triple Output Power Supply

BK Precision 9129B Triple Output Programmable DC Power Supply The BK Precision 9129B is an economical triple-output linear programmable DC power supply with three independent electrically isolated channels. OEM datasheets list 0 to 30 V / 0 to 3 A on CH1 and CH2, 0 to 5 V / 0 to 3 A on CH3, and 195 W total power with series, parallel, and tracking modes. Education labs, service benches, and electronic design where multi-rail programmable linear DC power is required. Three independent electrically isolated outputs The BK Precision 9129B is an economical triple-output linear programmable DC power supply with three independent electrically isolated channels. OEM datasheets list 0 to 30 V / 0 to 3 A on CH1 and CH2, 0 to 5 V / 0 to 3 A on CH3, and 195 W total power with series, parallel, and tracking modes. Education labs, service benches, and electronic design where multi-rail programmable linear DC power is required. Three independent electrically isolated outputs Series parallel and tracking operating modes

MODEL BK Precision 9129B	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 9129B	LISTING https://aumictechlabs.com/products/9129b-2/

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The BK Precision 9129B is a versatile, triple-output, programmable DC power supply array of demanding applications in research, development, manufacturing, and educational environments. This linear power supply offers a low-noise output with excellent regulation, making it suitable for applications requiring stable and precise power. Its independent and isolated outputs, coupled

with the ability to combine channels in series or parallel, allow for increased voltage or current, enhancing its adaptability to various system requirements. The 9129B also features programmable control, memory for saving and recalling settings, and remote control capabilities via a USB interface, further streamlining its integration into automated test and measurement setups. Technical Specifications Outputs Number of Outputs: Triple Output Independent Outputs: Three electrically isolated outputs Channel 1 & 2 Output Voltage: 0 to 30 VDC Channel 1 & 2 Output Current: 0 to 3 A Channel 3 Output Voltage: 0 to 5 VDC Channel 3 Output Current: 0 to 3 A Total Power: 195 W max Regulation and Performance Regulation Type: Linear regulation Line Voltage Regulation: 0.02% + 4mV Load Voltage Regulation: 0.02% + 4mV Line Current Regulation: 0.2% + 3mA Load Current Regulation: 0.2% + 3mA Ripple: 5mV p-p, 1mV rms Operational Modes and Features Series Mode: Channels 1 and 2 can be connected in series to increase voltage output up to 60V. Combined metering function is available for series mode. Parallel Mode: Channels 1 and 2 can be connected in parallel to increase current output up to 6A. Combined metering function is available for parallel mode. Tracking Mode: User-configurable ratios between channels, specifically on channels 1 and 2, to simplify adjustments for bipolar or combined channel applications. Programmable Channels: Fully programmable with output On/Off control. Memory Storage: Store and recall up to 27 instrument settings. Output State Configuration: Power-on state of outputs can be configured. Simultaneous Display: Displays voltage and current settings for all three channels simultaneously. Front Panel Interface: Keys and encoder knob with cursors for adjusting voltage and current values. Protection Features: Overvoltage (OVP) and overtemperature (OTP) protection. Keylock function included. Interfaces and Communication Remote Control: USB interface supporting SCPI commands. Connectivity: USB to TTL serial adapter included (IT-E132B) for PC communication. Software: * PC software for front panel emulation, test sequence generation, and data logging. * Integration with Data Dashboard for LabVIEW apps for remote monitoring on iOS, Android, or Windows 8 compatible tablets/smartphones. * LabVIEW 2020 Drivers (LV9129B.zip). * USB to TTL serial adapter driver (ITE132(B)_driver.zip). * DC Power Supply Operating Software with LabVIEW 2022 Run-Time Engine (Supports Windows 10 and 11). * New DC Power Supply Operating Software (Supports Windows 10 and 11). Physical Dimensions * Dimensions: Approximately 214.5 mm (8.44 in) x 88.2 mm (3.47 in) x 376.6 mm (14.8268 in) (W x H x D). Dimensions (alternative): 13.961" L x 8.445" W x 3.472" H (354.60mm x 214.50mm x 88.20mm). Weight: 16 lbs (7.3 kg). Form Factor: Compact 19-inch half-rack form factor, allowing for side-by-side rack mounting of two units. Compatibility and Environmental * Input Voltage: Selectable 110 VAC or 220 VAC. Input Voltage: 110/220 VAC. Power Environment: Intended for CATEGORY II mains power environment (120 V RMS or 240 V RMS). Fuse Requirements: * 110 VAC Input: T6.3A 250V * 220 VAC Input: T3.15A 250V Certifications: EU Declaration of Conformity, RoHS Certificate. Why Choose Aumictech for the BK Precision 9129B? At Aumictech, we specialize in supplying high-end DC power supply equipment. Whether you need precise voltage and current control, flexible multi-output configurations, or seamless integration into automated test systems, our team ensures the BK Precision 9129B delivers maximum performance

9129B Characteristics / Specifications

PARAMETER	VALUE
Channel 1 Voltage Range	0 to 30 V
Channel 2 Voltage Range	0 to 30 V
Channel 3 Voltage Range	0 to 5 V
Channel Current Range All	0 to 3 A
Total Output Power	195 W
Load Regulation Voltage	less than or equal to 0.02 percent plus 4 mV
Load Regulation Current	less than or equal to 0.2 percent plus 3 mA
Line Regulation Voltage	less than or equal to 0.02 percent plus 4 mV
Line Regulation Current	less than or equal to 0.2 percent plus 3 mA
Ripple Noise Voltage	less than or equal to 5 mV peak to peak / 1 mVrms
Ripple Noise Current	less than or equal to 6 mArms
Programming Resolution Voltage	10 mV
Programming Resolution Current	1 mA
Readback Resolution Voltage	10 mV
Readback Resolution Current	1 mA
Programming Accuracy Voltage	less than or equal to 0.06 percent plus 20 mV
Programming Accuracy Current	less than or equal to 0.2 percent plus 10 mA
Memory Locations	3 groups with 9 locations each (27 settings)
Remote Interface	USB virtual COM via USB to TTL adapter
AC Input	110/220 VAC plus or minus 10 percent, 47 to 63 Hz
Operating Temperature	0 to 40 C, relative humidity up to 80 percent
Dimensions WxHxD	214.5 × 88.2 × 354.6 mm
Weight	7.3 kg (16.05 lb)
Humidity	up to 80 percent

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
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Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: **sales@aumictech.com** · +1 (484) 841-9341

Aumictech
788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
https://aumictechlabs.com

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