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Data Sheet

August 13, 2026

RSR ELECTRONICS

RSR Electronics 3010 Triple Output DC Power Supply

RSR Electronics 3010 Triple Output DC Power Supply The RSR Electronics 3010 (Electronix Express assembled SKU 01PS3010A) is a bench triple-output regulated DC supply. One output is a fixed 5 V dc at 3 A. Two outputs are continuously variable ± 1.5 V dc to ± 15 V dc at 1 A each. All three rails are current-limited and short-circuit protected. Fixed-rail line regulation is 0.2 percent; variable-rail line regulation is 0.5 percent. Load regulation is 1 percent with maximum ripple 10 mV p-p on both classes. Chassis is $8 \times 7.75 \times 4.25$ in, 6.95 lb. A DIY kit version is 32XP720K. The RSR Electronics 3010 (Electronix Express assembled SKU 01PS3010A) is a bench triple-output regulated DC supply. One output is a fixed 5 V dc at 3 A. Two outputs are continuously variable ± 1.5 V dc to ± 15 V dc at 1 A each. All three rails are current-limited and short-circuit protected. Fixed-rail line regulation is 0.2 percent; variable-rail line regulation is 0.5 percent. Load regulation is 1 percent with maximum ripple 10 mV p-p on both classes. Chassis is $8 \times 7.75 \times 4.25$ in, 6.95 lb. A DIY kit version is 32XP720K. Analog and digital breadboarding; split-rail op-amp benches; 5 V logic plus dual adjustable analog rails; student and service labs needing a compact triple supply.



MODEL

**RSR Electronics
3010**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

3010

LISTING

<https://aumictechlabs.com/products/3010-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The RSR Electronics 3010 is a regulated DC power supply engineered for laboratory testing, system integration, and electronic development. It delivers three independent outputs - one fixed 5V rail and two variable supplies - with current limiting and short-circuit protection across all channels. The unit operates from 115V AC input and measures 8" × 7.75" × 4.25", making it suitable for benchtop and rack-mount integration into existing test systems.

Technical Specifications The 3010 provides a 5V DC fixed output at up to 3A with 0.2% line regulation and 1% load regulation. Maximum output ripple on this channel is 10 mV p-p. Two independent variable outputs each supply ±1.5V DC to ±15V DC at 1A maximum, with 0.5% line regulation, 1% load regulation, and 10 mV p-p ripple specification. All outputs feature full current-limit protection and short-circuit immunity.

Key Features Three isolated output channels for multi-voltage applications Fixed 5V @ 3A output with tight line regulation (0.2%) Dual variable supplies: ±1.5V to ±15V DC @ 1A each Low output ripple: 10 mV p-p across all channels Fully current-limited and short-circuit protected Compact 6.95 lb chassis

Typical Applications The 3010 is well-suited for powering analog and digital circuits during development and troubleshooting. The combination of fixed and variable outputs makes it effective for circuits requiring multiple supply rails, including operational amplifier test benches, logic circuit characterization, and mixed-signal prototype validation.

Compatibility & Integration Designed for straightforward integration into existing laboratory systems, the 3010 accepts standard 115V AC mains input and presents outputs suitable for direct circuit connection. Its compact footprint and multi-output architecture support efficient benchtop layouts and modular test rack configurations.

Features & description

From manufacturer datasheet

Features

- Three regulated outputs, all current-limited and short-circuit protected
- Fixed 5 V dc at 3 A, 0.2 percent line, 1 percent load, 10 mV p-p ripple
- Dual variable +/-1.5 to +/-15 V dc at 1 A, 0.5 percent line, 1 percent load, 10 mV p-p
- Assembled 01PS3010A; kit sibling 32XP720K
- 8 × 7.75 × 4.25 in, 6.95 lb
- Independent fixed and tracking-class dual variable rails

3010 Characteristics / Specifications

PARAMETER	VALUE
Model	3010
Manufacturer	RSR Electronics
Instrument Type	Triple Output DC Power Supply
Series	3010
Alias	3010; 01PS3010A; RSR 3010
Output Count	3 regulated DC outputs
Fixed Output Voltage	5 V dc
Fixed Output Current	3 A maximum
Fixed Line Regulation	0.2 percent
Fixed Load Regulation	1 percent
Fixed Ripple	10 mV p-p maximum
Variable Output Voltage	+/-1.5 V dc to +/-15 V dc continuously adjustable
Variable Output Current	1 A maximum per variable rail
Variable Line Regulation	0.5 percent
Variable Load Regulation	1 percent
Variable Ripple	10 mV p-p maximum
Current Limit	all three supplies fully current limited
Short Circuit Protection	all three supplies
Dimensions	8 in x 7.75 in x 4.25 in
Weight	6.95 lb
Assembled SKU	01PS3010A
Kit Sibling	32XP720K
Topology	linear regulated triple bench supply
Fixed Rail Role	5 V logic
Variable Rail Role	dual adjustable analog including split +/- tracking class

PARAMETER	VALUE
Brand Listing	also sold as EX Electronix Express assembled 3010
Protection Class	current limit plus short-circuit
Regulation Class Fixed	0.2 percent line / 1 percent load
Regulation Class Variable	0.5 percent line / 1 percent load
Ripple Class	10 mV p-p max on fixed and variable
Use Case	student, hobby, and service bench
Form	enclosed bench chassis Notes Specs from RSR / Electronix Express 3010 (01PS3010A) product specifications. Mains voltage selection and fuse ratings are not in that listing; confirm line voltage, fuse, and whether the two variable rails are independent or tracking on the installed unit.

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	
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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

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NIST-traceable calibration · SAM registered ·
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.