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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6236B DC Power Supply

HP 6236B Triple-Output Bench DC Power Supply The HP 6236B is a compact triple-output bench DC power supply with dual tracking 0 to ± 20 V at 0.5 A outputs plus a 0 to +6 V at 2.5 A logic supply with current foldback, intended for developmental linear and digital IC circuits. Breadboard power for mixed analog/digital IC development, dual-rail op-amp circuits with a separate logic rail, and general bench work needing tracking positive/negative supplies. Dual tracking ± 20 V outputs with FIXED tracking ratio mode The HP 6236B is a compact triple-output bench DC power supply with dual tracking 0 to ± 20 V at 0.5 A outputs plus a 0 to +6 V at 2.5 A logic supply with current foldback, intended for developmental linear and digital IC circuits. Breadboard power for mixed analog/digital IC development, dual-rail op-amp circuits with a separate logic rail, and general bench work needing tracking positive/negative supplies. Dual tracking ± 20 V outputs with FIXED tracking ratio mode Separate 0 to +6 V high-current logic output with foldback limiting



MODEL

**Agilent / Keysight
6236B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6236B

LISTING

<https://aumictechlabs.com/products/6236b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6236B is a triple-output DC power supply engineered for bench development and testing of linear and digital integrated circuits. It combines two tracking ± 20 V outputs at 0.5 A each with a dedicated 0 to +6 V output capable of 2.5 A, delivering flexible voltage and current configurations for diverse circuit powering requirements. Technical

Specifications Output 1 & 2 (Tracking Outputs) Voltage Range: 0 to ± 20 V Maximum Current: 0.5 A per output Short Circuit Current: 0.55 A $\pm 5\%$ Tracking Modes: Fixed 1:1 ratio (negative tracking positive within $\pm 1\%$) or variable mode (-0.5 V to $\pm 10\%$ of positive output) Protection: Fixed current limit circuit Output 3 (0-6 V Output) Voltage Range: 0 to +6 V Maximum Current: 2.5 A at 6 V Current Foldback Circuit: Limits to 2.75 A $\pm 5\%$ at 6 V, decreasing linearly to 1 A $\pm 15\%$ at zero volts Series Configuration Combined Output (Outputs 1 & 2): 0 to 40 V at 0.5 A Input Power Standard: 104–127 V AC (120 V AC nominal), 47–63 Hz, single-phase, 112 W consumption Optional: 100, 220, or 240 V AC configurations available

Key Features Ten-turn voltage controls for precise output adjustment Integrated volt/ampere meter for real-time monitoring Automatic constant voltage/constant current crossover limiting Short-circuit and overload protection on all outputs Front-panel binding posts for all three outputs Common output terminal with chassis isolation

Typical Applications IC development and verification testing Dual-polarity circuit prototyping High-current, low-voltage device powering Precision bench power for analog and digital circuits

Compatibility & Integration The 6236B accommodates international AC mains voltages and provides independent control of tracking and fixed outputs, making it suitable for simultaneous multi-supply circuit requirements.

6236B Characteristics / Specifications

PARAMETER	VALUE
Number of Outputs	3
Tracking Outputs Voltage	0 to ± 20 V
Tracking Outputs Current	0.5 A maximum each
Tracking Outputs Short Circuit Current	0.55 A $\pm 5\%$
Logic Output Voltage Model 6236B	0 to +6 V
Logic Output Current at 6 V	2.5 A maximum
Logic Foldback Limit at 6 V	2.75 A $\pm 5\%$
Logic Foldback Limit at Short	1 A $\pm 15\%$
Tracking Accuracy FIXED Position	Within 1%
Load Regulation All Outputs	Less than 0.01% + 2 mV
Line Regulation All Outputs	Less than 0.01% + 2 mV
Ripple Voltage RMS All Outputs	Less than 0.35 mV
Ripple Voltage Peak to Peak All Outputs	Less than 1.5 mV (20 Hz to 20 MHz)
Drift 8 hours All Outputs	Less than 0.1% + 5 mV after 30 min warm-up
Resolution Tracking Outputs	70 mV
Resolution Logic Output	20 mV
Operating Temperature Full Output	0 to +40 C
Current Derating Above 40 C	Linear to 50% at 55 C
Storage Temperature	-40 C to +75 C
AC Input Standard	104 to 127 Vac, 47 to 63 Hz, 112 W, 140 VA
AC Input Current Standard	1.1 A
Size Class	Compact triple-output bench supply
Operating temperature	Full Output: 0 to +40 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to +75 C
Operating temperature	Full Output: 0 to +40 C
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Current Derating Above 40 C	Linear to 50% at 55 C
AC Input Standard	104 to 127 Vac, 47 to 63 Hz, 112 W, 140 VA
AC Input Current Standard	1.1 A
Size Class	Compact triple-output bench supply Notes Specs from HP Operating and Service Manual for Models 6236B/6237B Table 1-1. Dimensions/weight not fully tabulated in the extracted manual pages; verify on unit label for used instruments.

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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Specs from HP Operating and Service Manual for Models 6236B/6237B Table 1-1. Dimensions/weight not fully tabulated in the extracted manual pages; verify on unit label for used instruments.	

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 ·
30-day returns
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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.