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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6237B DC Power Supply

HP 6237B Triple-Output Bench DC Power Supply The HP 6237B 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 +18 V at 1.0 A auxiliary output, sharing the 6236B/6237B family chassis and regulation specs for developmental IC work. Breadboard power for analog circuitry needing higher auxiliary voltage than the 6236B 6 V rail, dual-rail op-amp work, and general bench development of linear IC circuits. Dual tracking ± 20 V outputs with FIXED tracking ratio mode The HP 6237B 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 +18 V at 1.0 A auxiliary output, sharing the 6236B/6237B family chassis and regulation specs for developmental IC work. Breadboard power for analog circuitry needing higher auxiliary voltage than the 6236B 6 V rail, dual-rail op-amp work, and general bench development of linear IC circuits. Dual tracking ± 20 V outputs with FIXED tracking ratio mode Separate 0 to +18 V / 1 A auxiliary output with fixed current limit



MODEL

**Agilent / Keysight
6237B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6237B

LISTING

<https://aumictechlabs.com/products/6237b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6237B is a triple-output DC power supply engineered for electronic testing and IC circuit development. It delivers two tracking ± 20 V outputs and one independent +18 V output, each with constant voltage/current limiting protection. The front panel features logically arranged controls, analog meters, and binding posts for straightforward setup and operation. All

three outputs share a common terminal isolated from chassis ground, permitting flexible grounding configurations.

Technical Specifications

Output Ratings: Output 1 (+18 V): 0 to +18 V, 0 to 1.0 A; short-circuit limited to 1.1 A $\pm 5\%$ Outputs 2 & 3 (± 20 V): 0 to ± 20 V, 0 to 0.5 A each; 0.5 A overload limit

Tracking: +20 V and -20 V outputs track within 1% in fixed mode; variable tracking ratio available

Series Connection: ± 20 V outputs may be connected in series for 0 to 40 V, 0.5 A single output

Performance: Load Regulation: $<0.01\% + 2$ mV across full load to no-load transition

Line Regulation: $<0.01\% + 2$ mV for line voltage variations within rating

PARD (20 Hz to 20 MHz): <0.35 mV rms, <1.5 mV p-p

Drift (DC to 20 Hz): $<0.1\% + 5$ mV over 8 hours at stable conditions, after 30 min warm-up

Overload Protection: Current-limited to 110% of nominal maximum on all outputs

Input & Physical: Input Options: 100 V, 220 V, or 240 V AC Dimensions: 22 $\times$ 15 $\times$ 12 inches Weight: 10 lbs

Key Features Three independent output terminals with shared isolated common Constant voltage/current limiting on all outputs Tracking capability between ± 20 V outputs with fixed and variable ratio control Protective earth (ground) terminal provided

Typical Applications Powering developmental linear and digital IC circuits; laboratory bench testing; circuit prototyping and verification.

Compatibility & Integration Manufactured by Hewlett-Packard and subsequently by Agilent Technologies. Product status is obsolete but remains supported.

6237B 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 $\pm 5\%$
Auxiliary Output Voltage	0 to +18 V
Auxiliary Output Current	1.0 A maximum
Auxiliary Short Circuit Current	1.1 A $\pm 5\%$
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 Auxiliary Output	70 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
AC Input Power	112 W, 140 VA
AC Input Current Standard 120 Vac	1.1 A
AC Input Current Option 1	1.4 A
AC Input Current Option 2	0.55 A
Auxiliary Metering Capability	0 to 21 V, 0 to 1.2 A class front-panel ranges per manual
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
Operating Temperature	Full Output: 0 to +40 C
Operating Temperature Full Output	0 to +40 C
Current Derating Above 40 C	Linear to 50% at 55 C
AC Input Standard	104 to 127 Vac, 47 to 63 Hz
AC Input Power	112 W, 140 VA
AC Input Current Standard 120 Vac	1.1 A
AC Input Current Option 1	1.4 A
AC Input Current Option 2	0.55 A
Auxiliary Metering Capability	0 to 21 V, 0 to 1.2 A class front-panel ranges per manual Notes Specs from HP Operating and Service Manual for Models 6236B/6237B Table 1-1. Confirm chassis dimensions/weight on the physical unit 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	
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 ±5%
Auxiliary Output Voltage	0 to +18 V
Auxiliary Output Current	1.0 A maximum
Auxiliary Short Circuit Current	1.1 A ±5%
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 Auxiliary Output	70 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
AC Input Power	112 W, 140 VA
AC Input Current Standard 120 Vac	1.1 A
AC Input Current Option 100	1.4 A
AC Input Current Option 220	0.6 A
AC Input Current Option 240	0.55 A
Auxiliary Metering Capability	0 to 21 V, 0 to 1.2 A class front-panel ranges per manual

Notes

Specs from HP Operating and Service Manual for Models 6236B/6237B Table 1-1. Confirm chassis dimensions/weight on the physical unit 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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Generated August 14, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.