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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6237A DC Power Supply

Agilent 6237A Triple Output DC Power Supply The HP 6237A is a compact triple-output bench supply with tracking 0 to plus or minus 20 V at 0.5 A plus a 0 to +18 V, 1.0 A output. OEM 6236A/6237A Operating and Service Manual Table 1-1 lists load/line regulation, PARD, drift, temperature coefficient, metering, and size. Powering developmental linear and digital IC circuits with logic/analog rail plus dual tracking 20 V supplies. Tracking plus or minus 20 V outputs within 1 percent The HP 6237A is a compact triple-output bench supply with tracking 0 to plus or minus 20 V at 0.5 A plus a 0 to +18 V, 1.0 A output. OEM 6236A/6237A Operating and Service Manual Table 1-1 lists load/line regulation, PARD, drift, temperature coefficient, metering, and size. Powering developmental linear and digital IC circuits with logic/analog rail plus dual tracking 20 V supplies. Tracking plus or minus 20 V outputs within 1 percent Series use of the tracking pair as 0 to 40 V at 0.5 A



MODEL

**Agilent / Keysight
6237A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6237A

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 6237A is a triple-output DC power supply engineered for electronic circuit development, component testing, and IC powering applications. Three independent outputs deliver adjustable voltage and current with low noise and exceptional regulation. Each output operates under fixed current limiting protection, making the unit suitable for developmental and production bench work requiring stable, precision DC power. Technical Specifications Output

Configuration Output 1: 0 to +18 V, 0 to 1 A Output 2: 0 to +20 V, 0 to 0.5 A Output 3: 0 to -20 V, 0 to 0.5 A ± 20 V outputs track within 1% Regulation & Performance Line and Load Regulation (CV): Less than 0.01% + 2 mV Line and Load Regulation (CC): Less than 0.02% + 2 mA Short Circuit Output Current (± 20 V outputs): 0.55 A $\pm 5\%$ Short Circuit Output Current (+18 V output): 1.1 A $\pm 5\%$ Fixed Current Limits: +18 V at 1.1 A; ± 20 V at 0.5 A Input Power Voltage: 104 to 127 V AC, single-phase Frequency: 47 to 63 Hz Power Consumption: 112 W, 140 VA Key Features Three independent outputs with isolated common terminal for +18 V and ± 20 V supplies Two single-turn potentiometers control voltage on +18 V and ± 20 V outputs Dual-range meters display voltage and current; three-position selector switch isolates supply metering Fixed current limiting on all outputs protects against overload and short-circuit conditions Low output impedance supports multi-wire load connections to minimize coupling effects Compact bench-top form factor; approximately 10 lbs Typical Applications Linear and digital IC circuit development and powering Electronic component characterization and testing Laboratory bench power for multi-rail applications Compatibility & Integration The unit connects via separate wire pairs to each load to exploit low output impedance and reduce inter-channel coupling. Output terminals remain isolated from chassis ground, enabling flexible grounding configurations in test setups.

6237A Characteristics / Specifications

PARAMETER	VALUE
Model	6237A
Instrument Type	Triple output DC power supply
Tracking Output Range	0 V to plus or minus 20 V each
Tracking Rated Current	0.5 A each
Tracking Short Circuit Current	0.55 A plus or minus 5 percent
Series Tracking Pair	0 V to 40 V at 0.5 A
Tracking Accuracy	plus 20 V and minus 20 V track within 1 percent
Plus 18 V Output Range	0 V to +18 V
Plus 18 V Rated Current	1.0 A
Plus 18 V Short Circuit Current	1.1 A plus or minus 5 percent
Load Regulation All Outputs	less than 0.01 percent plus 2 mV for full load to no load
Line Regulation All Outputs	less than 0.01 percent plus 2 mV for any line change within rating
Pard All Outputs	less than 0.35 mV rms and 1.5 mV p-p (20 Hz to 20 MHz)
Drift 8 h	less than 0.1 percent plus 5 mV (0 to 20 Hz) during 8 hours after 30 minute warm-up
Load Transient Recovery	less than 50 us to within 15 mV after full to half load or vice versa
Temperature Coefficient	less than 0.02 percent plus 1 mV perCover 0 to 40 C after 30 minute warm-up
Resolution Tracking Outputs	70 mV
Resolution Plus 18 V	70 mV
Operating Temperature	0 C to +40 C ambient; current derated linearly to 50 percent at 55 C
Storage Temperature	minus 40 C to +75 C
Meter Range Tracking	0 to 25 V, 0 to 0.6 A each
Meter Range Plus 18 V	0 to 21 V, 0 to 1.2 A
Meter Accuracy	plus or minus 4 percent of full scale
Input Standard	104 to 127 Vac (120 Vac nominal), 47 to 63 Hz, 112 W, 140 VA

PARAMETER	VALUE
Dimensions	88 mmHx 208 mmWx 319 mmDWeight: 9.5 lb (4.3 kg)

6237A Specifications

PARAMETER	VALUE
Agilent 6237A Triple Output DC Power Supply	Overview
Applications	Powering developmental linear and digital IC circuits with a logic/analog rail plus dual tracking 20 V supplies.
Key Features	Tracking plus or minus 20 V outputs within 1 percent
Series use of the tracking pair as 0 to 40 V at 0.5 A	0 to +18 V at 1.0 A third output
Technical Specifications	Model: 6237A

General Specifications & Supplementary Characteristics

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Input Standard	104 to 127 Vac (120 Vac nominal), 47 to 63 Hz, 112 W, 140 VA
Dimensions	88 mmHx 208 mmWx 319 mmDWeight: 9.5 lb (4.3 kg) Notes From HP Models 6236A and 6237A Operating and Service Manual (5950-1737) Table 1-1, 6237A columns for the +18 V output and shared plus or minus 20 V specifications.

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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Tracking Short Circuit Current	0.55 A plus or minus 5 percent
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Plus 18 V Output Range	0 V to +18 V
Plus 18 V Rated Current	1.0 A
Plus 18 V Short Circuit Current	1.1 A plus or minus 5 percent
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Dimensions

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Notes

From HP Models 6236A and 6237A Operating and Service Manual (5950-1737) Table 1-1, 6237A columns for the +18 V output and shared plus or minus 20 V specifications.

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