


Aumictech

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6234A DC Power Supply

Agilent 6234A Dual Output DC Power Supply 0 to 25 V 0 to 0.2 A per side The HP/Agilent 6234A is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 25 V and 0 to 0.2 A per side (2 outputs). Op-amp and bipolar circuit bias, tracking positive/negative rails, and dual-channel lab power. Two isolated regulated outputs in one chassis The HP/Agilent 6234A is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 25 V and 0 to 0.2 A per side (2 outputs). Op-amp and bipolar circuit bias, tracking positive/negative rails, and dual-channel lab power. Two isolated regulated outputs in one chassis Independent or tracking modes on dual lab models



MODEL

**Agilent / Keysight
6234A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6234A

LISTING

[https://aumictechlabs.c
om/products/6234a-2/](https://aumictechlabs.com/products/6234a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6234A is a dual-output linear DC power supply delivering 75 W total across two independently adjustable, isolated channels. Each output provides continuously variable voltage (0–25 VDC) and current (0–200 mA) with automatic CV/CC limiting and low-noise performance suitable for bench-level circuit development and testing. Technical Specifications Each output channel operates across 0–25 VDC and 0–200 mA with independent voltage adjustment. Load regulation measures 0.01% + 1 mV; source regulation is equally tight at 0.01% + 1 mV. Output noise remains minimal at 200 μ Vrms (PARD RMS) or 1 mV peak-to-peak (PARD pk-pk). The supply draws 35 W input power from a 104–127 VAC, 47–63 Hz mains connection at 0.26

A. Total unit weight is approximately 10 lbs.

Key Features Dual independent outputs with isolated voltage and current control Constant voltage / constant current limiting protects against overload conditions Short-circuit proof design Low output noise (200 μ Vrms PARD RMS, 1 mV peak-to-peak) Tight load and source regulation (0.01% + 1 mV) Linear topology for stable power delivery to sensitive circuits

Typical Applications The 6234A supports general-purpose electronic testing, component characterization, and circuit development where dual independent supplies and low-noise operation are required. Current-limited outputs prevent damage to prototype circuits during design iteration.

Compatibility & Integration This is a standalone benchtop instrument with standard output terminals. Suitability for specific test setups depends on matching the 0–25 VDC and 0–200 mA per-channel capability to your circuit requirements. The 6234A is discontinued; availability of support documentation may be limited.

6234A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Dual output regulated DC power supply
Series Family	HP general purpose 25 to 200 W duals
Number of Outputs	2
Output Voltage Rating Per Side	0 to 25 V
Output Current Rating Per Side	0 to 0.2 A
Operating Modes	CV/CC each side
Load Effect Transient Recovery	50 us; 15 mV level
Meter Accuracy	3 percent of full scale
AC Input Standard	115 Vac plus or minus 10 percent
AC Input Option 0	230 Vac plus or minus 10 percent
Isolation Output to Chassis	up to 300 V class
Isolation Output to Output	up to 300 V class on duals
Auto Series	supported
Auto Parallel	supported
Auto Tracking	supported on 6253A/6255A class
Remote Sensing	yes
Remote Programming	yes
Front Rear Terminals	yes
Floating Output	positive or negative source
Size Class	model dependent half or full rack per catalog
Power Per Side Class	50 W or 60 W class by model

6234A Specifications

PARAMETER	VALUE
Overview	The HP/Agilent 6234A is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 25 V and 0 to 0.2 A per side (2 outputs).
Independent or tracking modes on dual lab models	CV/CC operation on each side
Auto series and auto parallel for higher V or I	Crowbar protection on dual 60 W class models
Technical Specifications	Instrument Type: Dual output regulated DC power supply

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
Instrument Type	Dual output regulated DC power supply
Series Family	HP general purpose 25 to 200 W duals
Number of Outputs	2
Output Voltage Rating Per Side	0 to 25 V
Output Current Rating Per Side	0 to 0.2 A
Operating Modes	CV/CC each side
Load Effect Transient Recovery	50 us; 15 mV level
Meter Accuracy	3 percent of full scale
AC Input Standard	115 Vac plus or minus 10 percent
AC Input Option 028	230 Vac plus or minus 10 percent
Isolation Output to Chassis	up to 300 V class
Isolation Output to Output	up to 300 V class on duals
Auto Series	supported
Auto Parallel	supported
Auto Tracking	supported on 6253A/6255A class
Remote Sensing	yes
Remote Programming	yes
Front Rear Terminals	yes
Floating Output	positive or negative source
Option 011 Crowbar: internal overvoltage crowbar available	
Size Class: model dependent half or full rack per catalog	
Power Per Side Class: 50 W or 60 W class by model	
Notes	
OEM dual-output listing 25 V / 0.2 A class per side (about 10 W total dual). From HP Power Supplies General Purpose Models 6227B-6299A catalog section.	

Ordering Information

OPTION	DESCRIPTION
Option 011	Crowbar: internal overvoltage crowbar available

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>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
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.