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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6217A DC Power Supply

Agilent HP 6217A Bench Series DC Power Supply 0 to 50 V 0 to 0.2 A The HP/Agilent 6217A is a compact Bench Series regulated DC power supply rated 0 to 50 V and 0 to 200 mA. Contemporary product reports cite 0.01 percent line and load regulation and less than 200 μ V rms ripple for the 6215A/6217A hand-size pair. Breadboarding higher-voltage low-current circuits, student and R&D benches, and stacked multi-rail bias using interlocking molded cases. Constant voltage operation fully adjustable to zero The HP/Agilent 6217A is a compact Bench Series regulated DC power supply rated 0 to 50 V and 0 to 200 mA. Contemporary product reports cite 0.01 percent line and load regulation and less than 200 μ V rms ripple for the 6215A/6217A hand-size pair. Breadboarding higher-voltage low-current circuits, student and R&D benches, and stacked multi-rail bias using interlocking molded cases. Constant voltage operation fully adjustable to zero Front-panel slide switch selects voltage or current metering



MODEL

**Agilent / Keysight
6217A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6217A

LISTING

<https://aumictechlabs.com/products/6217a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6217A is a fully transistorized DC power supply delivering constant voltage with current-limiting protection. Designed for bench or relay rack operation, It has stable, adjustable output from 0–50 VDC at 0–200 mA with load and line regulation better than 4 mV. The unit includes fixed current-limit protection adjustable internally, guarding against overloads and

short circuits. Output can be grounded at either terminal or floated to 300 V off ground, enabling flexible circuit configurations. A single front-panel meter with range selector displays either voltage or current in real time.

Technical Specifications

Electrical Performance

Output: 0–50 VDC, 0–200 mA Load regulation: <4 mV (full load to no load) Line regulation: <4 mV (within 105–125 VAC input range) Ripple and noise: <200 μ V rms / 1 mV pk-pk (DC to 20 MHz) Stability: <0.10% + 5 mV total drift (8 hours, post warm-up) Temperature coefficient: <0.02% + 1 mV/°C Internal impedance (CV mode): <0.03 Ω (DC–1 kHz); <0.3 Ω (1–100 kHz); <3.0 Ω (100 kHz–1 MHz) Transient recovery: <50 μ s to 10 mV following full load step Input Power 105–125 VAC, single phase, 50–400 Hz Environmental Operating: 0°C to 55°C Storage: –40°C to +85°C

Key Features

Fully transistorized design for reliable bench and rack operation Adjustable voltage and current limits with internal trimming Fixed overload protection including short-circuit withstand Floating or grounded output up to 300 V off ground Single meter switchable between voltage and current readout Series and parallel interconnection capable for extended voltage or current outputs

Typical Applications

Power supply for component testing, equipment development, and laboratory bench work where stable, regulated DC output and current limiting are essential.

Compatibility & Integration

Standard banana-style output terminals. Current-limit circuitry permits multiple units to be interconnected in series or parallel configurations to achieve higher output voltages or currents as required.

6217A Characteristics / Specifications

PARAMETER	VALUE
Model	6217A
Instrument Type	Bench Series regulated DC power supply
Output Voltage Rating	0 to 50 V
Output Current Rating	0 to 0.2 A
Maximum Power Class	10 W
Companion Model	6215A 25 V 400 mA
Line Regulation	0.01 percent
Load Regulation	0.01 percent
Ripple Noise Voltage	less than 200 uV rms
Output Adjustable To	0 V
Metering	switched voltage and current
Circuit Technology	all silicon
Case Style	molded impact resistant interlocking stackable
Operating Modes	constant voltage with current limiting
Floating Output	either terminal may be grounded
Remote Sensing	not provided on this hand-size pair
Remote Programming	not provided on this hand-size pair
Ac Input Class Family Bench	115 Vac plus or minus 10 percent 48 to 440 Hz class
Ac Input Alternate Class	230 Vac reconnection class on Bench Series manuals
Cooling	convection
Temperature Operating Class Bench	0 C to 55 C class
Manual Family	6217-90001 Operating and Service Manual
Series Family	HP Bench Series hand-size supplies
Stacking Feature	interlocking molded case

6217A Specifications

PARAMETER	VALUE
Applications	Breadboarding higher-voltage low-current circuits, student and R&D benches, and stacked multi-rail bias using interlocking molded cases.
Interlocking molded case for vertical stacking	Floating output either terminal may be grounded
Technical Specifications	Model: 6217A

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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Notes

Voltage/current ratings and 0.01 percent regulation / less than 200 uV rms ripple from Hewlett-Packard Models 6215A and 6217A product report and matching Bench Series manuals.

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.