

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

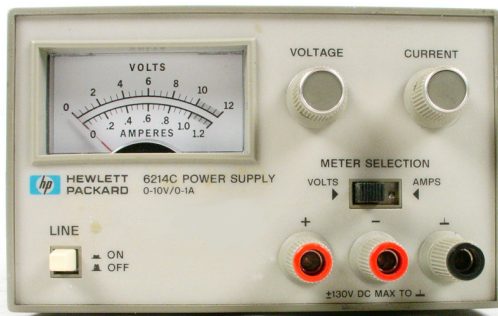
Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

HP Agilent Keysight 6214C DC Power Supply

Agilent 6214C Bench Series DC Power Supply 0 to 10 V 0 to 1 A The HP/Agilent 6214C isaBench Series regulated DC power supply. OEM operating and service manual family tables rate 0 to 10 V and 0 to 1 A. General purpose laboratory DC bias, student benches, and low-power circuit development. Constant voltage / constant current bench supply The HP/Agilent 6214C isaBench Series regulated DC power supply. OEM operating and service manual family tables rate 0 to 10 V and 0 to 1 A. General purpose laboratory DC bias, student benches, and low-power circuit development. Constant voltage / constant current bench supply Coarse and fine concentric voltage and current controls



MODEL

**Agilent / Keysight
6214C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6214C

LISTING

[https://aumictechlabs.c
om/products/6214c-2/](https://aumictechlabs.com/products/6214c-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The HP Agilent Keysight 6214C is a compact, modular DC power supply delivering 0–10 VDC at 0–1 A (10 W output). Purpose-built for breadboarding, circuit development, and troubleshooting of sensitive electronic devices, this instrument combines stable voltage and current regulation with low ripple performance. The stackable modular design permits flexible multi-voltage and multi-polarity configurations on a single test bench, making it ideal for laboratory environments where space and configuration flexibility matter. Technical Specifications Output: 0–10 VDC, 0–1 A (10 W) Voltage Regulation (CV mode): Line ≤ 4 mV ($\pm 10\%$ input variation); Load 2 mV (full current change) Current Regulation (CC mode): Line < 750 μ A ($\pm 10\%$ input variation); Load < 500 μ A (full voltage

change) Ripple & Noise (DC–20 MHz): CV <200 μ V rms / 1 mV p-p; CC <150 μ A rms / 500 μ A p-p
Voltage Programming Accuracy (25°C $\pm$ 5°C): 5 mV Voltage Measurement Accuracy (25°C $\pm$ 5°C):
0.03% + 2 mV Temperature Coefficient (CV): <0.02% + 1 mV/°C (post 30 min warm-up)
Temperature Coefficient (CC): <6 mA/°C Transient Recovery (CV): <50 μ s to $\pm$ 15 mV following
50%–100% current step 8-Hour Drift: <0.1% + 5 mV (post 30 min warm-up, constant conditions)
Operating Temperature: 0°C to 55°C Key Features Front-panel 3-turn potentiometers for voltage
and current limit adjustment Single analog meter with selector switch (voltage or current
monitoring) Built-in short-circuit protection via current-limit circuit Molded foot locks enable
stacking with other modular supplies in the family Half-rack form factor for efficient bench
integration Typical Applications Breadboard circuit prototyping and proof-of-concept testing
Sensitive device development and characterization Multi-supply configurations via
stacking Compatibility & Integration The 6214C supports GPIB interface for remote voltage and
current measurement. Front-panel metering provides local indication independent of external
control.

6214C Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Bench Series regulated DC power supply
Series Family	HP Bench Series 6212B 6214B 6216B 6218B
Output Voltage Rating	0 to 10 V
Output Current Rating	0 to 1 A
Maximum Power Class	10 W
Operating Modes	constant voltage and constant current
Load Regulation Voltage Class	0.01 percent plus millivolt class per manual
Line Regulation Voltage Class	0.01 percent plus millivolt class per manual
Ripple Noise Voltage Class	low millivolt RMS typical of series regulator benches
Stability Voltage 8 Hour	less than 0.1 percent plus 5 mV after 30 min warm-up
AC Input	115 Vac plus or minus 10 percent, 48 to 440 Hz class
AC Input Alternate	230 Vac operation supported by reconnection
Controls	concentric coarse and fine voltage and current
Metering	switched voltage and current ranges
Cooling	convection
Mounting	bench case
Overload Protection	CV/CC crossover limiting
Floating Output	either terminal may be grounded
Remote Programming	resistance programming terminals on family units
Remote Sensing	available on rear barrier strip class
Temperature Operating	0 to 55 C class
Manual Family	5950-1928 Bench Series

6214C Specifications

PARAMETER	VALUE
Applications	General purpose laboratory DC bias, student benches, and low-power circuit development.
Front panel binding posts for lab connections	Series regulator design for low noise
Technical Specifications	Instrument Type: Bench Series 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	Bench Series regulated DC power supply
Series Family	HP Bench Series 6212B 6214B 6216B 6218B
Output Voltage Rating	0 to 10 V
Output Current Rating	0 to 1 A
Maximum Power Class	10 W
Operating Modes	constant voltage and constant current
Load Regulation Voltage Class	0.01 percent plus millivolt class per manual
Line Regulation Voltage Class	0.01 percent plus millivolt class per manual
Ripple Noise Voltage Class	low millivolt RMS typical of series regulator benches
Stability Voltage 8 Hour	less than 0.1 percent plus 5 mV after 30 min warm-up
AC Input	115 Vac plus or minus 10 percent, 48 to 440 Hz class
AC Input Alternate	230 Vac operation supported by reconnection
Controls	concentric coarse and fine voltage and current
Metering	switched voltage and current ranges
Cooling	convection
Mounting	bench case
Overload Protection	CV/CC crossover limiting
Floating Output	either terminal may be grounded
Remote Programming	resistance programming terminals on family units
Remote Sensing	available on rear barrier strip class
Temperature Operating	0 to 55 C class
Manual Family	5950-1928 Bench Series
Notes	
Voltage/current ratings from HP Bench Series Operating and Service Manual family (6212B/6214B/6216B/6218B) and matching A/C revision OEM listings. Confirm letter revision on faceplate.	

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.