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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6214B DC Power Supply

Agilent 6214B Bench Series DC Power Supply 0 to 10 V 0 to 1 A The HP/Agilent 6214B 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 6214B 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
6214B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6214B

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6214B is a 10 W DC power supply designed for laboratory and bench applications requiring stable, regulated output across dual voltage and current ranges. Though discontinued and designated obsolete by the manufacturer, the unit remains supported through Keysight's technical assistance channels, with manuals and service documentation available for legacy products. Technical Specifications Power Output: 10 W Voltage Range: 0–15 V, 0–10 V Current Range: 0–5 A, 0–1 A Electrical performance characteristics comparable to similar-era Agilent models include voltage regulation of 0.01% +5 mV, current regulation of 0.01% +15 mA, voltage ripple and noise of 8 mVrms, and current ripple and noise of 120 mArms. Key Features

Dual-range output configuration for flexible voltage/current sourcing Compact form factor for benchtop integration Designed for indoor installation environments up to 95% relative humidity and 2000 m altitude Legacy product with documented service and technical support availability

Typical Applications The 6214B serves general-purpose DC power requirements in research labs, educational institutions, and field service environments where modest output power and dual-range capability meet circuit test and component characterization needs.

Compatibility & Integration Agilent basic DC power supplies in this class support optional GPIB and RS-232 interfaces with SCPI command compatibility on applicable units. Verify interface availability for your specific 6214B configuration.

6214B 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

6214B 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	
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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

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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.