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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6216A DC Power Supply

Agilent 6216A Bench Series DC Power Supply 0 to 25 V 0 to 0.4 A The HP/Agilent 6216A isaBench Series regulated DC power supply. OEM operating and service manual family tables rate 0 to 25 V and 0 to 0.4 A. General purpose laboratory DC bias, student benches, and low-power circuit development. Constant voltage / constant current bench supply The HP/Agilent 6216A isaBench Series regulated DC power supply. OEM operating and service manual family tables rate 0 to 25 V and 0 to 0.4 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
6216A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6216A

LISTING

[https://aumictechlabs.c
om/products/6216a-2/](https://aumictechlabs.com/products/6216a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6216A is a single-output DC power supply operating in constant voltage/constant current (CV/CC) mode. This transistorized instrument automatically transitions between voltage and current regulation, crossing over when output limits are exceeded. It suits both benchtop and rack-mounted installations, delivering full rated voltage at maximum rated current with continuously adjustable output throughout its range. Technical Specifications Model: 6216A Manufacturer: Agilent / Keysight (formerly HP) Product Family: Bench Series DC Power Supply Type: Constant Voltage / Constant Current (CV/CC) Output Configuration: Single output Regulation: Well-regulated output Safety Classification: Safety Class I with protective earth

terminal; requires grounded power cable connection Internal Protection: Non-customer-accessible fuseKey Features Continuously adjustable voltage and current output throughout operating range Front-panel voltage limit control establishes ceiling when in constant current mode Front-panel current limit control prevents overload and short-circuit conditions in constant voltage mode Automatic crossover between CV and CC modes based on preset limits Delivers full rated voltage simultaneously with maximum rated current Dual-mode operation optimizes performance across variable load conditionsOperating Modes Constant Voltage (CV) regulation with adjustable current limit Constant Current (CC) regulation with adjustable voltage limitEnvironmental & Safety Requirements Do not operate in environments containing flammable gases or fumes. Observe all device markings before connecting wiring. Disconnect power before removing covers. Safety Class I design requires connection to electrical ground via grounded power cable.

6216A 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 25 V
Output Current Rating	0 to 0.4 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

6216A 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.