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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6218B DC Power Supply

Agilent 6218B Bench Series DC Power Supply 0 to 50 V 0 to 0.2 A The HP/Agilent 6218B isaBench Series regulated DC power supply. OEM operating and service manual family tables rate 0 to 50 V and 0 to 0.2 A. General purpose laboratory DC bias, student benches, and low-power circuit development. Constant voltage / constant current bench supply The HP/Agilent 6218B isaBench Series regulated DC power supply. OEM operating and service manual family tables rate 0 to 50 V and 0 to 0.2 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
6218B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6218B

LISTING

[https://aumictechlabs.c
om/products/6218b-2/](https://aumictechlabs.com/products/6218b-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6218B is a discontinued benchtop DC power supply designed for laboratory and production test environments requiring adjustable voltage and current output with integrated protection and remote programming capabilities. The unit delivers regulated DC power with low ripple and noise, suitable for powering and testing electronic circuits and components across a wide range of applications. Technical Specifications Output Characteristics Adjustable DC voltage output Adjustable DC current output Low output ripple and noise Load and line regulation typical of the product series Protection Features Overload protection Overvoltage protection (OVP) Overcurrent protection Display and Monitoring Built-in voltage measurement display Built-in

current measurement display

Key Features

- Front panel controls for voltage, current, and protection level adjustment
- Remote programming capability via GPIB (IEEE-488) interface
- Remote sensing functionality for load compensation
- SCPI command compatibility for automated control

Interfaces

- GPIB (IEEE-488) for remote operation and integration with automated test systems

Documentation

The 6218B is part of a series covered by operating and service manual part number 5950-1928 (revised November 1982). This manual also covers related models 6212B, 6214B, and 6216B.

6218B 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 50 V
Output Current Rating	0 to 0.2 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

6218B 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.