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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6203B DC Power Supply

Agilent 6203B Lab Series DC Power Supply 0 to 7.5 V 0 to 3 A The HP/Agilent 6203B is a Lab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 7.5 V at 0 to 3 A. Bench and half-rack laboratory DC power, remote programmed systems, and auto-series/parallel stacks. Constant voltage / constant current with automatic crossover The HP/Agilent 6203B is a Lab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 7.5 V at 0 to 3 A. Bench and half-rack laboratory DC power, remote programmed systems, and auto-series/parallel stacks. Constant voltage / constant current with automatic crossover Front and rear output terminals with automatic sensing



MODEL

**Agilent / Keysight
6203B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6203B

LISTING

<https://aumictechlabs.com/products/6203b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 6203B is an 80 W precision linear DC power supply engineered for electronic testing, development, and benchtop applications. Single-output design with adjustable voltage and current delivers stable, regulated power for component characterization and circuit validation. Ten-turn potentiometers provide fine control over output parameters. Front and rear panel terminals accommodate flexible test configurations, while remote sensing capability ensures accurate voltage delivery at the load. The unit supports both standalone bench operation and individual or paired rack mounting. Technical Specifications Power Output: 80 W Output Type: Single DC output Voltage Control: 10-turn adjustment Current Control: 10-turn adjustment

Programming Response Time (Output Voltage): < 2 ms (400 μ s fast mode) Settling Time (Output Voltage Change): < 6 ms (2 ms fast mode) Measurement Time (Voltage/Current): 50 ms average Metering: Voltage and current measurement Output Terminals: Front and rear panel Dimensions: 9 $\times$ 12 $\times$ 15 inches Weight: 10 lbsKey Features Remote sensing support for enhanced load regulation Fast mode response for time-critical applications Dual-panel access simplifies integration into existing test benches Rack-mount compatible for multi-unit system configurations Safety Class I with protective earth terminal and internal fuse protectionTypical Applications Component and subsystem power verification Prototype circuit development and debug Functional test benches requiring stable DC rails Educational electronics laboratoriesCompatibility & Integration Legacy product; production and factory support have concluded. Safety compliance aligned with EMC directive 89/336/EEC standards.

6203B Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Lab Series regulated DC power supply
Series Family	HP Lab Series 6200B family
Load Regulation Voltage	0.01 percent plus 4 mV
Load Regulation Current	0.03 percent plus 250 μ A
Line Regulation Voltage	0.01 percent plus 4 mV
Line Regulation Current	0.01 percent plus 250 μ A
Ripple Noise Voltage RMS	200 μ V
Ripple Noise Current RMS	500 μ A
Transient Recovery Time	less than 50 μ s to within 10 mV after full load step
Temperature Coefficient Voltage	less than 0.02 percent plus 1 mV per $^{\circ}$ CStability Voltage 8 Hour: less than 0.1 percent plus 5 mV after 30 min warm-up
Stability Current 8 Hour	less than 0.15 percent plus 2.5 mA class
Internal Impedance DC to 1 kHz	less than 0.02 ohm
DC Floating Voltage	up to 300 V off ground
AC Input	105 to 125 / 210 to 250 Vac, 50 to 400 Hz class
Size	3.5 inHx 12.75 inDx 8.5 inWhalf rack
Cooling	convection
Metering	multiple range front panel meter
Output Voltage Rating	0 to 7.5 V
Output Current Rating	0 to 3 A
Maximum Power Class	about 22.5 W
Programming Speed Class	30 V per ms between 1 V and rated output
Weight Class	14 lb net / 19 lb shipping
Input Power Class	about 0.9 A, 70 W
Meter Ranges Class	0 to 0.9 V, 0 to 9 V, 0 to 0.4 A, 0 to 4 A

6203B Specifications

PARAMETER	VALUE
Overview	The HP/Agilent 6203B is a Lab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 7.5 V at 0 to 3 A.
Front and rear output terminals with automatic sensing	Remote sensing and remote programming
Technical Specifications	Instrument Type: Lab Series regulated DC power supply
Notes	From HP Catalog Specialized 6200 Series Power Supplies Lab Series tables for Model 6203B.

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

From HP Catalog Specialized 6200 Series Power Supplies Lab Series tables for Model 6203B.

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.