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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6207B DC Power Supply

Agilent 6207B Lab Series DC Power Supply 0 to 160 V 0 to 0.2 A The HP/Agilent 6207B is a Lab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 160 V at 0 to 0.2 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 6207B is a Lab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 160 V at 0 to 0.2 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 6207B	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 6207B	LISTING https://aumictechlabs.com/products/6207b-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6207B is a legacy benchtop DC power supply stable, regulated voltage and current outputs for electronic testing and development. Though obsolete and no longer supported by Keysight, operating and service documentation remains available for reference and field support. Technical Specifications The 6207B provides adjustable voltage and current outputs with user-friendly front-panel controls. Designed as a standalone benchtop instrument, it delivers precise control over output parameters required across diverse test scenarios. Key Features Adjustable voltage and current outputs User-friendly control interface Comprehensive protection features Benchtop form factor Operating and service documentation available Typical Applications

The 6207B serves electronics labs and test environments requiring stable DC power for component characterization, circuit development, and functional verification. Its regulated outputs support applications demanding precise power delivery control. Compatibility & Integration The 6207B operates as a standalone instrument and integrates with standard benchtop test setups requiring an independent DC power source. For new designs or modernization efforts, Keysight's N5751A represents a current-generation alternative.

6207B Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Lab Series regulated DC power supply
Series Family	HP Lab Series 6200B family
Load Regulation Voltage	0.02 percent plus 2 mV
Load Regulation Current	0.03 percent plus 250 μ A
Line Regulation Voltage	0.02 percent plus 2 mV
Line Regulation Current	0.01 percent plus 250 μ A
Ripple Noise Voltage RMS	500 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 160 V
Output Current Rating	0 to 0.2 A
Maximum Power Class	32 W
Weight Class	13 lb net / 18 lb shipping
Input Power Class	48 to 63 Hz, about 1.0 A, 60 W
Meter Ranges Class	0 to 20 V, 0 to 200 V, 0 to 24 mA, 0 to 240 mA
Remote Programming Voltage	300 ohms per volt class

6207B Specifications

PARAMETER	VALUE
Overview	The HP/Agilent 6207B is a Lab Series regulated DC power supply. OEM Lab Series catalog rates 0 to 160 V at 0 to 0.2 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 6207B.

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.

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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.