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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6227B DC Power Supply

Agilent 6227B Dual Output DC Power Supply 0 to 25 V 0 to 2 A per side The HP/Agilent 6227B is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 25 V and 0 to 2 A per side (2 outputs). Op-amp and bipolar circuit bias, tracking positive/negative rails, and dual-channel lab power. Two isolated regulated outputs in one chassis The HP/Agilent 6227B is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 25 V and 0 to 2 A per side (2 outputs). Op-amp and bipolar circuit bias, tracking positive/negative rails, and dual-channel lab power. Two isolated regulated outputs in one chassis Independent or tracking modes on dual lab models

 Agilent/Keysight 6227B DC Power Supply

MODEL

**Agilent / Keysight
6227B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6227B

LISTING

<https://aumictechlabs.com/products/6227b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 6227B is a dual-output DC power supply engineered for precision testing and electronic development. Each output section delivers 0–25 V at 0–2 A, with independent or coupled operation for flexible voltage and current configuration. The unit supports series and parallel combinations, auto-tracking modes, and delivers stable, low-noise power essential for sensitive component characterization. Technical Specifications Output Ratings (0–55°C): Voltage: 0–25 V per section Current: 0–2 A per section Power: 50 W per section; 100 W total dual output Regulation Performance: Load Regulation: $\pm 0.01\%$ + 1 mV (voltage); $\pm 0.01\%$ + 250 μ A (current) Line Regulation: ± 1 mV (voltage); ± 100 μ A (current) Ripple and Noise (20 Hz–20 MHz): CV mode:

250 μ V rms, 4 mV peak-to-peak CC mode: 250 μ A rms, 2 mA peak-to-peak Input Power: 115/230 VAC, 350 VA maximum Physical: 7-3/4" W $\times$ 13-1/4" D $\times$ 6" H; 11 kg (24 lb)Key Features Dual independent or linked outputs Auto-Series operation for voltage addition Auto-Parallel operation for current addition Auto-Tracking to synchronize output adjustments Low noise suitable for analog and precision circuitsTypical Applications Precision bench testing, component characterization, analog circuit development, and multi-rail power verification where stable, low-noise delivery and flexible output coupling are required.Compatibility & Integration The 6227B is a legacy product. Repair and calibration services remain available through select service providers. The Keysight E36103B DC Power Supply offers modern replacement capability.

6227B Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Dual output regulated DC power supply
Series Family	HP general purpose 25 to 200 W duals
Number of Outputs	2
Output Voltage Rating Per Side	0 to 25 V
Output Current Rating Per Side	0 to 2 A
Operating Modes	CV/CC each side
Load Effect Transient Recovery	50 us; 15 mV level
Meter Accuracy	3 percent of full scale
AC Input Standard	115 Vac plus or minus 10 percent
AC Input Option 0	230 Vac plus or minus 10 percent
Isolation Output to Chassis	up to 300 V class
Isolation Output to Output	up to 300 V class on duals
Auto Series	supported
Auto Parallel	supported
Auto Tracking	supported on 6253A/6255A class
Remote Sensing	yes
Remote Programming	yes
Front Rear Terminals	yes
Floating Output	positive or negative source
Size Class	model dependent half or full rack per catalog
Power Per Side Class	50 W or 60 W class by model

6227B Specifications

PARAMETER	VALUE
Overview	The HP/Agilent 6227B is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 25 V and 0 to 2 A per side (2 outputs).
Independent or tracking modes on dual lab models	CV/CC operation on each side
Auto series and auto parallel for higher V or I	Crowbar protection on dual 60 W class models
Technical Specifications	Instrument Type: Dual output 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

Specifications

PARAMETER	VALUE
Instrument Type	Dual output regulated DC power supply
Series Family	HP general purpose 25 to 200 W duals
Number of Outputs	2
Output Voltage Rating Per Side	0 to 25 V
Output Current Rating Per Side	0 to 2 A
Operating Modes	CV/CC each side
Load Effect Transient Recovery	50 us; 15 mV level
Meter Accuracy	3 percent of full scale
AC Input Standard	115 Vac plus or minus 10 percent
AC Input Option 028	230 Vac plus or minus 10 percent
Isolation Output to Chassis	up to 300 V class
Isolation Output to Output	up to 300 V class on duals
Auto Series	supported
Auto Parallel	supported
Auto Tracking	supported on 6253A/6255A class
Remote Sensing	yes
Remote Programming	yes
Front Rear Terminals	yes
Floating Output	positive or negative source

Option 011 Crowbar: internal overvoltage crowbar available

Size Class: model dependent half or full rack per catalog

Power Per Side Class: 50 W or 60 W class by model

Notes

HP catalog dual 50 W sections; independent or tracking within 0.2 percent plus 2 mV; crowbar each side. From HP Power Supplies General Purpose Models 6227B-6299A catalog section.

Ordering Information

OPTION	DESCRIPTION
Option 011	Crowbar: internal overvoltage crowbar available

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

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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.