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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6267A DC Power Supply

Agilent 6267A Regulated DC Power Supply 0 to 40 V 0 to 10 A The HP 6267A is a constant-voltage/constant-current rack/bench DC power supply. OEM 6256B-6274B Operating and Service Manual Table 1-1 lists the sibling B column at 0 to 40 V / 0 to 10 A; this A-suffix unit is the same voltage/current rating in the 62xx family. System racks and benches needing medium-power regulated DC with crowbar protection. Series regulator with triac preregulator for efficiency The HP 6267A is a constant-voltage/constant-current rack/bench DC power supply. OEM 6256B-6274B Operating and Service Manual Table 1-1 lists the sibling B column at 0 to 40 V / 0 to 10 A; this A-suffix unit is the same voltage/current rating in the 62xx family. System racks and benches needing medium-power regulated DC with crowbar protection. Series regulator with triac preregulator for efficiency Built-in fast overvoltage crowbar with adjustable trip on the B family



MODEL

**Agilent / Keysight
6267A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6267A

LISTING

<https://aumictechlabs.com/products/6267a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 6267A is a 400 W DC power supply engineered for precision electronic testing and development. It delivers 0–40 Vdc at 0–10 A with exceptional load and line regulation: $\leq 0.01\% + 200 \mu\text{V}$ for voltage and $\leq 0.02\% + 500 \mu\text{A}$ for current. A transistor series-regulator/triac preregulator circuit ensures high efficiency, excellent voltage stability ($\leq 0.03\% + 2 \text{ mV}$), and low ripple and noise. The supply operates in both constant voltage and constant current modes,

supporting auto-series, auto-parallel, and auto-tracking configurations. Dual analog meters display voltage and current in real time. Output voltage and current are continuously variable with no range switching required. Remote sensing and operator-adjustable overvoltage protection with crowbar protection are included. External control via resistance or control voltage is available through rear-panel barrier strip connections. The 6267A occupies standard 19-inch rack width, weighs 44 lbs, and measures 8 × 19 × 21 inches. Input requirement is 115 VAC.

Technical Specifications

Output voltage: 0–40 Vdc Output current: 0–10 A Output power: 400 W Load regulation (voltage): $\leq 0.01\% + 200 \mu\text{V}$ Load regulation (current): $\leq 0.02\% + 500 \mu\text{A}$ Line regulation (voltage): $\leq 0.01\% + 200 \mu\text{V}$ Line regulation (current): $\leq 0.02\% + 500 \mu\text{A}$ Voltage stability: $\leq 0.03\% + 2 \text{ mV}$ Current stability: $\leq 0.03\% + 3 \text{ mA}$ Input voltage: 115 VAC Dimensions: 8 × 19 × 21 inches Weight: 44 lbs

Key Features

Transistor series-regulator/triac-preregulator circuit for high efficiency Constant voltage (CV) and constant current (CC) operating modes Auto-series, auto-parallel, and auto-tracking operation Remote sensing capability Operator-adjustable overvoltage protection with crowbar protection Remote programming via external resistance or control voltage Dual analog panel meters Continuously variable output with no range switching

Typical Applications

Precision electronic circuit testing and validation Component characterization requiring stable, low-noise power Research and development requiring CV/CC flexibility Multi-unit configurations via series, parallel, or tracking modes

Compatibility & Integration

The 6267A is a legacy product no longer in production. SCPI support and HP-IB/RS-232 interfaces are noted for similar models in this series. Remote programming is provided via rear-panel barrier strip connections.

Features & description

From manufacturer datasheet

Built-in fast overvoltage crowbar with adjustable trip on the Bfamily

Remote resistance or voltage programming Remote sensing to the load Auto series, auto parallel, and auto tracking modes Technical Specifications Model: 6267A Instrument Type: CV/CC regulated DC power supply Series Family: HP 6256B 6263B 6264B 6265B 6266B 6267B 6271B 6274B Output Voltage Rating: 0 to 40 V Output Current Rating: 0 to 10 A Operating Modes: constant voltage and constant current with automatic crossover Load Regulation Voltage: less than 0.01 percent plus 200 μ V (B-family Table 1-1 class) Load Regulation Current: less than 0.02 percent plus milliamp class (B-family Table 1-1) Line Regulation Voltage: less than 0.01 percent plus 200 μ V for 104 to 127 Vac or 208 to 254 Vac class Line Regulation Current: less than 0.02 percent plus milliamp class Pard Cv Rms: less than 200 μ V rms, 20 Hz to 20 MHz (B-family Table 1-1) Pard Cv Peak To Peak: less than 10 mV p-p, 20 Hz to 20 MHz (except 6274B 20 mV p-p) Pard Cc Rms: less than 3 mA rms, 20 Hz to 20 MHz (6267B column) Temperature Coefficient Cv: less than 0.01 percent plus 200 μ V perC After 30 minute warm-up Temperature Coefficient Cc: less than 0.01 percent plus 1 mA per C (6267B column) Transient Recovery Family: less than 50 μ s class to within 10 mV

6267A Characteristics / Specifications

PARAMETER	VALUE
Model	6267A
Instrument Type	CV/CC regulated DC power supply
Series Family	HP 6256B 6263B 6264B 6265B 6266B 6267B 6271B 6274B
Output Voltage Rating	0 to 40 V
Output Current Rating	0 to 10 A
Operating Modes	constant voltage and constant current with automatic crossover
Load Regulation Voltage	less than 0.01 percent plus 200 uV (B-family Table 1-1 class)
Load Regulation Current	less than 0.02 percent plus milliamp class (B-family Table 1-1)
Line Regulation Voltage	less than 0.01 percent plus 200 uV for 104 to 127 Vac or 208 to 254 Vac class
Line Regulation Current	less than 0.02 percent plus milliamp class
Pard Cv Rms	less than 200 uV rms, 20 Hz to 20 MHz (B-family Table 1-1)
Pard Cv Peak To Peak	less than 10 mV p-p, 20 Hz to 20 MHz (except 6274B 20 mV p-p)
Pard Cc Rms	less than 3 mA rms, 20 Hz to 20 MHz (6267B column)
Temperature Coefficient Cv	less than 0.01 percent plus 200 uV perCAfter 30 minute warm-up
Temperature Coefficient Cc	less than 0.01 percent plus 1 mA per C (6267B column)
Transient Recovery Family	less than 50 us class to within 10 mV
Crowbar Range Family	approximately 10 percent to 110 percent of rated voltage
Dc Floating Voltage	up to 300 V above ground
Front Output Terminal Rating	monitoring only, 3 A maximum on theBfamily
Ac Input	115 Vac plus or minus 10 percent, 57 to 63 Hz standard
Cabinet Height	5.25 in full rack (6267B class)
Remote Programming	resistance or voltage
Remote Sensing	yes
Auto Parallel	two or three similar supplies

PARAMETER	VALUE
Metering	front panel voltmeter and ammeter

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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Remote Sensing	yes
Auto Parallel	two or three similar supplies
Metering	front panel voltmeter and ammeter

Notes

Voltage/current rating for 6267A matches the 6267B column of HP Operating and Service Manual Models 6256B through 6274B Table 1-1. Electrical regulation, PARD, and temperature-coefficient rows are that B-family table. Confirm any A-to-B differences on the 6267A faceplate/calibration certificate.

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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NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
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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.