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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6264A DC Power Supply

Agilent 6264A Regulated DC Power Supply 0 to 20 V 0 to 20 A The HP 6264A 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 20 V / 0 to 20 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 6264A 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 20 V / 0 to 20 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
6264A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6264A

LISTING

<https://aumictechlabs.com/products/6264a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6264A is a regulated DC power supply from the 6200-Series, engineered for precision testing and development applications requiring stable, accurate output. It delivers constant voltage and current with tight load and source regulation, making it suitable for demanding electronic projects where power supply performance directly impacts test results. Technical Specifications Output Ratings Voltage: 0 to 20 V Current: 0 to 20 A Power:

Approximately 600 W (based on 6264B specification) Regulation & Stability Load Effect (Voltage): 0.01% of output + 200 μ V Load Effect (Current): 0.02% of output + 500 μ A Source Effect (Voltage): 0.01% of output + 200 μ V Source Effect (Current): 0.02% of output + 1 mA Temperature Coefficient: 0.01% of output + 200 μ V per $^{\circ}$ C Transient Recovery Time: 50 μ s at 10 mV recovery level Control Resolution Voltage Control: Less than 0.02% Current Control: Less than 0.15% Environmental Operating Temperature: 0 to 55 $^{\circ}$ C Storage Temperature: -40 to 75 $^{\circ}$ C Key Features Remote programming in constant voltage and constant current modes via external resistance or DC voltage Remote sensing for accurate load-end regulation HP-IB (IEEE-488) and RS-232 interfaces with SCPI command support Three-terminal barrier strip AC line connections Compact 19-inch rackmount form factor (127 H $\times$ 483 W $\times$ 479.4 mm D) Typical Applications Component testing, circuit development, burn-in operations, and laboratory bench work where precise, programmable DC power is essential. Compatibility & Integration The 6264A integrates into standard 19-inch rack cabinets using optional mounting kits and pairs with other Agilent System II instruments of matching dimensions.

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: 6264A Instrument Type: CV/CC regulated DC power supply Series Family: HP 6256B 6263B 6264B 6265B 6266B 6267B 6271B 6274B Output Voltage Rating: 0 to 20 V Output Current Rating: 0 to 20 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 5 mA rms, 20 Hz to 20 MHz (6264B 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 2 mA per C (6264B column) Transient Recovery Family: less than 50 μ s class to within 10 mV

6264A Characteristics / Specifications

PARAMETER	VALUE
Model	6264A
Instrument Type	CV/CC regulated DC power supply
Series Family	HP 6256B 6263B 6264B 6265B 6266B 6267B 6271B 6274B
Output Voltage Rating	0 to 20 V
Output Current Rating	0 to 20 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 5 mA rms, 20 Hz to 20 MHz (6264B 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 2 mA per C (6264B 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 (6264B 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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Instrument Type	CV/CC regulated DC power supply
Series Family	HP 6256B 6263B 6264B 6265B 6266B 6267B 6271B 6274B
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Remote Programming	resistance or voltage
Remote Sensing	yes
Auto Parallel	two or three similar supplies
Metering	front panel voltmeter and ammeter

Notes

Voltage/current rating for 6264A matches the 6264B 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 6264A 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
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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.