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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6264B DC Power Supply

Agilent 6264B Regulated DC Power Supply 0 to 20 V 0 to 20 A The HP/Agilent 6264B is a constant-voltage/constant-current rack/bench DC power supply. OEM operating manual Table 1-1 rates 0 to 20 V at 0 to 20 A. System racks and benches needing medium-power regulated DC with crowbar protection. Series regulator with triac preregulator for efficiency The HP/Agilent 6264B is a constant-voltage/constant-current rack/bench DC power supply. OEM operating manual Table 1-1 rates 0 to 20 V at 0 to 20 A. 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



MODEL

**Agilent / Keysight
6264B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6264B

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6264B is a constant voltage/constant current (CV/CC) DC power supply delivering 0–20 VDC at 0–20 ADC with 600 W output capacity. Built around a transistor series-regulator and triac-preregulator topology, It has stable output with exceptional regulation and minimal ripple for demanding test, development, and laboratory applications. Though discontinued by Keysight, the 6264B remains a functional platform for electronics repair, precision power delivery, and bench-level system integration. Technical Specifications DC Output Voltage Range: 0–20 VDC Current Range: 0–20 ADC Power Output: 600 W Load Regulation: 0.01% + 200 μ V Source Regulation: 0.01% + 200 μ V (voltage) Ripple and Noise: < 10 mV RMS Temperature

Coefficient: 0.01% of output plus 200 μ V per °C Load Transient Recovery: $\leq 50 \mu$ s AC Input Input Voltage: 104–127 Vac or 230 Vac $\pm 10\%$ Input Frequency: 48–63 Hz Physical Dimensions: 127 mm H $\times$ 483 mm W $\times$ 479.4 mm D Weight: 12.00 lbs Cooling: Convection Operating Temperature: 0–55 °C Storage Temperature: -40–75 °C Key Features Separate coarse and fine front-panel controls for voltage and current adjustment Remote programming and remote sensing capability Auto-series, auto-parallel, and auto-tracking operation modes Overvoltage crowbar protection Inherent overcurrent protection via constant current mode Three-terminal barrier strip AC input connections Safety Class I with protective earth terminal Full-rack width package format Typical Applications Electronics repair and troubleshooting Product development and bench testing Laboratory power delivery where precision voltage and current control are required Multi-unit configurations leveraging series, parallel, or tracking modes Compatibility & Integration Designed for standard 19-inch rack mounting. Legacy Agilent/Keysight 6264B units integrate with laboratory infrastructure supporting modular power solutions and remote control schemes.

Features & description

From manufacturer datasheet

Built-in fast overvoltage crowbar with adjustable trip

Remote resistance or voltage programming Remote sensing to the load Auto series, auto parallel, and auto tracking modes Technical Specifications 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: 0.01 percent plus 200 μ V class Load Regulation Current: 0.02 percent plus milliamp class Line Regulation Voltage: 0.01 percent plus 200 μ V class Line Regulation Current: 0.02 percent plus milliamp class Ripple Noise Voltage RMS: 200 μ V to 1 mV class by model Ripple Noise Voltage Peak Peak: 10 mV to 20 mV class Ripple Noise Current RMS: less than 5 mA on higher current models class Transient Recovery: less than 50 μ s class to within 10 mV Crowbar Range: 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 AC Input: 115 Vac plus or minus 10 percent, 57 to 63 Hz standard Cabinet Height: 5.25 in full rack Cooling: convection except forced air on 6274B Remote Programming: resistance or voltage

6264B Characteristics / Specifications

PARAMETER	VALUE
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	0.01 percent plus 200 uV class
Load Regulation Current	0.02 percent plus milliamp class
Line Regulation Voltage	0.01 percent plus 200 uV class
Line Regulation Current	0.02 percent plus milliamp class
Ripple Noise Voltage RMS	200 uV to 1 mV class by model
Ripple Noise Voltage Peak Peak	10 mV to 20 mV class
Ripple Noise Current RMS	less than 5 mA on higher current models class
Transient Recovery	less than 50 us class to within 10 mV
Crowbar Range	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
AC Input	115 Vac plus or minus 10 percent, 57 to 63 Hz standard
Cabinet Height	5.25 in full rack
Cooling	convection except forced air on 6274B
Remote Programming	resistance or voltage
Remote Sensing	yes
Auto Parallel	two or three similar supplies
Auto Series	two or three supplies
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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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	0.01 percent plus 200 uV class
Load Regulation Current	0.02 percent plus milliamp class
Line Regulation Voltage	0.01 percent plus 200 uV class
Line Regulation Current	0.02 percent plus milliamp class
Ripple Noise Voltage RMS	200 uV to 1 mV class by model
Ripple Noise Voltage Peak Peak	10 mV to 20 mV class
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Notes

From HP Operating and Service Manual Models 6256B, 6263B, 6264B, 6265B, 6266B, 6267B, 6271B, and 6274B Table 1-1 OUTPUT row for this model only.

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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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.