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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6284A DC Power Supply

Agilent 6284A Single Output DC Power Supply 0 to 20 V 0 to 3 A The HP/Agilent 6284A is a single-output CV/CC DC power supply in the HP 6281A–6299A medium-power family. OEM catalog ratings are 0 to 20 V and 0 to 3 A (60 W class). Bench and half-rack system DC power with remote sense/program and auto-series/parallel. Constant voltage / constant current with automatic crossover The HP/Agilent 6284A is a single-output CV/CC DC power supply in the HP 6281A–6299A medium-power family. OEM catalog ratings are 0 to 20 V and 0 to 3 A (60 W class). Bench and half-rack system DC power with remote sense/program and auto-series/parallel. Constant voltage / constant current with automatic crossover Coarse and fine voltage and current controls (ten-turn on select models)



MODEL

**Agilent / Keysight
6284A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6284A

LISTING

<https://aumictechlabs.com/products/6284a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 6284A is a linear DC power supply designed for benchtop electronic testing and development. It delivers adjustable voltage and current outputs with excellent regulation, low output noise, and fast load transient response. Originally manufactured by HP, the 6284A is now obsolete but remains available through third-party service channels for repair, calibration, and technical reference. Technical Specifications Output Voltage: 0–20 V Output Current: 0–3 A Regulation: Excellent Output Noise: Low Load Transient Response: <50 μ s Internal Impedance: 1 m Ω in series with 1 μ H Dimensions: 17 × 9 × 5 in Weight: 15 lbs Key Features Adjustable voltage

and current outputs with precise control Remote sensing capability for accurate load-end voltage regulation Built-in voltage and current measurement and monitoring Overvoltage and overcurrent protection Three memory states for saving and recalling operating conditions Keypad lock for configuration security Typical Applications Manual benchtop testing and troubleshooting Automated test equipment (ATE) integration Component characterization and validation Laboratory power sourcing for circuit development Compatibility & Integration The 6284A supports SCPI-compatible command programming via GPIB and RS-232 interfaces. VXI Plug&Play drivers are available for simplified computer control and integration into automated test systems. Operating and Service Manual (Part 06284-90002, Revision D) provides full technical documentation.

6284A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Single output CV/CC DC power supply
Series Family	HP 6281A to 6299A
Output Voltage Rating	0 to 20 V
Output Current Rating	0 to 3 A
Maximum Power Class	60 W
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
Size	87 × 209 × 398 mm
Floating Output	use as positive or negative source
Remote Sensing	yes
Remote Programming	yes
Auto Series	yes
Auto Parallel	yes
Auto Tracking	yes
Rack Kit 3.5 in	HP 14513A / 14523A class for 3.5 in models
Rack Kit 5.25 in	HP 14515A / 14525A class for 5.25 in models
Regulator Type	series or series/SCR preregulator by power class
Meter Function Switch	four position X1 and X0.1 voltage or current

6284A Specifications

PARAMETER	VALUE
Front and rear output terminals	Remote sensing and programming with auto-series/parallel/tracking
Technical Specifications	Instrument Type: Single output CV/CC DC power supply
Notes	Half-rack 37-75 W series-regulated class. Model-specific V/I from HP catalog / HPWiki OEM listings for this model number only.

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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Maximum Power Class	60 W
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
Size	87 x 209 x 398 mm
Floating Output	use as positive or negative source
Remote Sensing	yes
Remote Programming	yes
Auto Series	yes
Auto Parallel	yes
Auto Tracking	yes
Option 011 Crowbar: available	
Option 028: 230 Vac input	
Option 005: 50 Hz ac input optimization	
Specifications	
PARAMETER	VALUE
Rack Kit 3.5 in	HP 14513A / 14523A class for 3.5 in models
Rack Kit 5.25 in	HP 14515A / 14525A class for 5.25 in models
Regulator Type	series or series/SCR preregulator by power class
Meter Function Switch	four position X1 and X0.1 voltage or current

Notes

Half-rack 37-75 W series-regulated class. Model-specific V/I from HP catalog / HPWiki OEM listings for this model number only.

Ordering Information

OPTION	DESCRIPTION
Option 011	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

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.