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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6228B DC Power Supply

Agilent 6228B Dual Output DC Power Supply 0 to 50 V 0 to 1 A per side The HP/Agilent 6228B is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 50 V and 0 to 1 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 6228B is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 50 V and 0 to 1 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



MODEL

**Agilent / Keysight
6228B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6228B

LISTING

<https://aumictechlabs.com/products/6228b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6228B is a dual-output DC power supply delivering 100 W total across two independently adjustable 50 W channels. Each output spans 0–50 V and 0–1 A, with constant voltage and constant current modes plus integrated overvoltage protection crowbars. The supply operates in independent, auto-series, auto-parallel, or auto-tracking configurations, enabling flexible circuit powering from single-rail to matched $\pm V$ topologies. Technical Specifications Output Characteristics Two independent 50 W supplies; 100 W total Voltage range: 0–50 V per supply Current range: 0–1 A per supply CV mode ripple and noise: 250 μV rms, 4 mV peak-to-peak (20 Hz–20 MHz) CC mode ripple and noise: 250 μA rms, 2 mA peak-to-peak (20 Hz–20 MHz) Load

regulation (voltage): 0.01% + 1 mV Load regulation (current): 0.01% + 250 μ A Line regulation (voltage): 1 mV Line regulation (current): 100 μ A Operating Environment Operating temperature: 0–55°C Storage temperature: –40–75°C Weight: 11 kg Half-rack width form factor

Key Features

- Auto-Series Mode: Delivers up to 100 V from a single output
- Auto-Parallel Mode: Delivers up to 2 A from a single output
- Auto-Tracking Operation: Right output tracks left output within 0.2% $\pm$ 2 mV; ideal for matched positive and negative supplies
- Overvoltage Protection: Independent crowbars on each supply; in tracking mode, an overvoltage event in one supply trips both
- Dual-Mode Operation: Simultaneous constant voltage and constant current control

Typical Applications

Optimized for operational amplifier circuit development, matched-rail analog designs, and general-purpose laboratory testing requiring precision DC power with multiple voltage and current configurations.

Compatibility & Integration

Front panel controls support mode selection and voltage/current adjustment. Class I safety compliance with protective earth grounding required.

6228B 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 50 V
Output Current Rating Per Side	0 to 1 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

6228B Specifications

PARAMETER	VALUE
Overview	The HP/Agilent 6228B is a dual-output regulated DC power supply. OEM catalog ratings are 0 to 50 V and 0 to 1 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	
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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 50 V
Output Current Rating Per Side	0 to 1 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 peer to 6227B dual supply with 50 W sections at 50 V / 1 A per 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

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.