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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6130C DC Power Supply

The HP 6130C is a bipolar digital voltage source. OEM/reseller specification summaries list plus or minus 50 V at 1 A with 10 mV programming resolution and 5 mV load regulation. Automated bipolar bias for component characterization and system powering under remote control. Series Family: HP 613x digital voltage sources Line Regulation Class: tightly regulated class Metering Class: front panel voltage current Storage Temperature Class: minus 40 C to 70 C class Accuracy Class: resolution limited digital set Voltage, current, 10 mV resolution, and 5 mV load regulation from HP/Agilent 6130C published specification summaries.



MODEL

**Agilent / Keysight
6130C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6130C

LISTING

[https://aumictechlabs.c
om/products/6130c-2/](https://aumictechlabs.com/products/6130c-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6130C is a programmable DC power supply delivering 100 W across a ± 50 V output range with 1 A maximum current. Engineered for both benchtop operation and integration into automated test systems, this unit combines low-noise performance with excellent regulation and fast settling characteristics for demanding electronic development and verification applications. Technical Specifications Electrical Performance Output voltage range: ± 50 V Maximum output current: 1 A Total power output: 100 W Load regulation (V/C): 5 mV Load regulation (C/V): 10 mV Output settlement time: Less than 300 μ s for programmed changes Range change time: 2 ms Input Requirements AC input: 115 V $\pm 10\%$, 48–440 Hz Input current: 1.2 A Protection & Control Programmable current latch: Selectable to eight discrete values from 2% to

100% of rated output current with externally adjustable reaction time Fixed current limit: Prevents output from exceeding 110% of rated specification Convection cooled design Physical Dimensions Height: 133.4 mm (5.25 in) Width: 425.5 mm (16.75 in) Depth: 396.9 mm (15.63 in) Net weight: 15 kg (32 lb)Key Features Analog input for AC signal injection onto DC output - enables impedance measurements and worst-case condition simulation Dedicated current monitoring terminals for non-invasive output current measurement Fast programmable voltage limiting with independent current latch configuration Dual-layer overcurrent protection for reliable circuit defenseTypical Applications Electronic device characterization, component burn-in testing, automated production verification, impedance analysis, and development bench work requiring stable, low-noise DC power with precise current control.Compatibility & Integration Suitable for standalone benchtop deployment and seamless incorporation into automated test platforms. Digital interface options support integration with legacy and contemporary test automation frameworks.

6130C Characteristics / Specifications

PARAMETER	VALUE
Model	6130C
Instrument Type	digital voltage source
Output Voltage	plus or minus 50 V
Maximum Current	1 A
Voltage Resolution	10 mV
Load Regulation	5 mV
Output Polarity	bipolar
Output Count	single output
Remote Programming	digital programmed
Form Factor	benchtop system supply
Operating Temperature Class	0 C to 55 C
Series Family	HP 613x digital voltage sources
Manufacturer	Hewlett Packard / Agilent
Use Case	automated bias sourcing
Line Regulation Class	tightly regulated class
Protection Class	current limited
Metering Class	front panel voltage current
Storage Temperature Class	minus 40 C to 70 C class
Cooling	convection
Power Line	115/230 V class
Output Connector Class	binding posts
Accuracy Class	resolution limited digital set
Storage temperature	Class: minus 40 C to 70 C class
Operating temperature	Class: 0 C to 55 C

6130C Specifications

PARAMETER	VALUE
HP Agilent 6130C Digital Voltage Source	Overview
Key Features	Bipolar plus or minus 50 V output
Technical Specifications	Model: 6130C
Notes	Voltage, current, 10 mV resolution, and 5 mV load regulation from HP/Agilent 6130C published specification summaries.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 40 C to 70 C class
Operating temperature	Class: 0 C to 55 C
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Manufacturer	Hewlett Packard / Agilent
Use Case	automated bias sourcing
Line Regulation Class	tightly regulated class
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Metering Class	front panel voltage current
Storage Temperature Class	minus 40 C to 70 C class
Cooling	convection
Power Line	115/230 V class
Output Connector Class	binding posts
Accuracy Class	resolution limited digital set Notes Voltage, current, 10 mV resolution, and 5 mV load regulation from HP/Agilent 6130C published specification summaries.

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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Notes	
Voltage, current, 10 mV resolution, and 5 mV load regulation from HP/Agilent 6130C published specification summaries.	

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.