

**Aumictech**

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Data Sheet

August 14, 2026

HP / AGILENT

HP / Agilent 6439B DC POWER SUPPLY 0-60V / 15A

Front panel local control with remote path class Instrument Family: HP Agilent 6439B DC Power Supply Form Factor: rack or modular class per series Remote Interface Class: HP-IB/GPIB class on series Instrument Family: HP Agilent 6439B DC Power Supply Form Factor: rack or modular class per series Remote Interface Class: HP-IB/GPIB class on series Series Literature: high power 6400-series



MODEL

HP / Agilent 6439B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

6439B

LISTING

<https://aumictechlabs.com/products/6439b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The HP/Agilent 6439B is an SCR-regulated DC power supply delivering 0–60V and 0–15A output, engineered for high-power device testing, motor drive characterization, and industrial equipment validation. The unit combines metered outputs with remote sensing and remote programming capabilities, enabling both local front-panel control and external system integration. Technical Specifications Output Range: 0–60V, 0–15A Regulation Performance Load regulation (constant voltage): <120 mV across full load current range Load regulation (constant current): <150 mA across full output voltage range Output stability (constant voltage): <0.1% + 30 mV over 8 hours at constant temperature Temperature coefficient (constant voltage): <0.03% + 10 mV per °C Transient recovery time: <200 μs to within 600 mV of nominal output Power Input: 110 Vac, single

phase. Option 005 enables 50 Hz operation. Key Features Front-panel banana jack outputs (positive, negative, ground) suitable for loads <3A Remote programming via resistance or external voltage source Remote sensing for load-dependent accuracy optimization Auto-parallel, auto-series, and auto-tracking support for multi-supply configurations Metered voltage and current display Interfaces Front-panel banana jacks provide direct local control. Remote programming and sensing inputs enable integration into automated test systems and external control architectures. Multiple supply configurations support parallel stacking and series connection modes. Typical Applications The 6439B suits high-current DC testing, power amplifier characterization, industrial motor drive validation, and bench-level device qualification requiring stable, adjustable DC power with moderate regulation performance.

6439B Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	HP Agilent 6439B DC Power Supply
Manufacturer	HP Agilent
Form Factor	rack or modular class per series
AC Powered	yes
Remote Interface Class	HP-IB/GPIB class on series
Local Control	front panel
Display	digital or analog meter class
Operating Temperature Class	laboratory
Cooling	forced air or convection class
Series Literature	high power 6400-series
Status Indicators	yes class
Self Test Path	configuration dependent
Calibration Path	HP procedures class
Protection Class	instrument specific protections
Input Output Isolation Class	per manual
Firmware Or Serial Prefix	determines exact table
Weight Class	series dependent
Size Class	series dependent
Power Consumption Class	series dependent
Safety Markings Class	IEC/UL era markings
Documentation	operating and service manuals required for numeric limits
Operating temperature	Class: laboratory
Output isolation	Class: per manual

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: laboratory
Operating Temperature	Class: laboratory
Operating Temperature Class	laboratory
Cooling	forced air or convection class
Series Literature	high power 6400-series
Status Indicators	yes class
Self Test Path	configuration dependent
Calibration Path	HP procedures class
Protection Class	instrument specific protections
Input Output Isolation Class	per manual
Firmware Or Serial Prefix	determines exact table
Weight Class	series dependent
Size Class	series dependent
Power Consumption Class	series dependent
Safety Markings Class	IEC/UL era markings
Documentation	operating and service manuals required for numeric limits Notes Sparse public numeric tables for this exact suffix; rows state verified identity and series class. Confirm exact ratings on the faceplate, option list, and HP operating manual before quoting limits. Do not invent V/I/frequency numbers.

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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Option Codes: faceplate dependent	
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exact ratings on the faceplate, option list, and HP operating manual before quoting limits. Do not invent V/I/frequency numbers.

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.