

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

HP / AGILENT

HP / Agilent 6469C DC POWER SUPPLY 0-36V / 300A

Front panel local control with remote path class Instrument Family: HP Agilent 6469C DC Power Supply Form Factor: rack or modular class per series Remote Interface Class: HP-IB/GPIB class on series Instrument Family: HP Agilent 6469C 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 6469C

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

6469C

LISTING

<https://aumictechlabs.com/products/6469c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The HP/Agilent 6469C is a programmable DC power supply delivering 0–36V at up to 300A, rated for 10,000 W continuous output. Built for high-current testing, battery charge/discharge cycles, and electrochemical applications, this supply operates in constant voltage (CV) and constant current (CC) modes with line and load regulation better than 0.05% + 5 mV in CV mode and 0.1% + 0.3 A in CC mode. Technical Specifications Output Performance Voltage range: 0–36 V DC Maximum current: 300 A DC Maximum power: 10,000 W CV regulation: <0.05% + 5 mV CC regulation: <0.1% + 0.3 A CV ripple and noise: <1 mV RMS CC ripple and noise: <30 mA RMS Temperature coefficient (CV): <0.03% + 400 μ V/°C Temperature coefficient (CC): <0.06% + 100 mA/°C 8-hour stability (CV): <0.15% + 1 mV 8-hour stability (CC): <0.4% + 0.4 A Transient

recovery time (CV): <150 μ s to within 20 mV after half-load change Internal Impedance (CV Source) DC to 100 Hz: <0.001 Ω 100 Hz to 1 kHz: <0.01 Ω 1 kHz to 100 kHz: <0.2 Ω 100 kHz to 1 MHz: <2 Ω Power Input 208/230/380/400/460 V AC $\pm$ 10%, three-phase, 57–63 Hz Example load: 50 A per phase @ 230 V AC Optional 50 Hz operation available (Option 005) Key Features Front-panel analog meters for voltage and current monitoring Remote programming via external voltage source or resistance (200 Ω /V for voltage; 4 Ω /A for current) Remote sensing capability Auto-series and auto-parallel operation supported Heavy-duty busbars for output connections Rack-mount design Physical Dimensions: 705 mm H $\times$ 483 mm W $\times$ 715 mm D (15-3/4" $\times$ 26-1/4" $\times$ 26-1/8") Weight: 500 lbs. Typical Applications High-current device testing, battery charging and capacity evaluation, electrochemical cell powering, and precision DC sourcing in industrial and laboratory environments.

6469C Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	HP Agilent 6469C 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.