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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 6573A Single-Output, 2000 W DC Power Supply

HP Agilent 6573A 2000 W Single Output DC Power Supply 35 V 60 A The HP/Agilent/Keysight 6573A is a 2100 W class single-output DC power supply in the 657xA 2000 W family, rated 0 to 35 V and 0 to 60 A. Front-panel and analog control with fast low-noise output. This 657xA generation is the high-power analog-control cousin of the GPIB 665x/667x families. High-current 35 V DUT bias; burn-in and power-device characterization; analog-programmed system racks needing 2000 W in one output. The HP/Agilent/Keysight 6573A is a 2100 W class single-output DC power supply in the 657xA 2000 W family, rated 0 to 35 V and 0 to 60 A. Front-panel and analog control with fast low-noise output. This 657xA generation is the high-power analog-control cousin of the GPIB 665x/667x families. High-current 35 V DUT bias; burn-in and power-device characterization; analog-programmed system racks needing 2000 W in one output.



MODEL

**Keysight / Agilent /
HP 6573A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6573A

LISTING

<https://aumictechlabs.com/products/6573a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight 6573A is a single-output DC power supply delivering 2000 W of regulated power for benchtop and system integration applications. This unit combines front-panel and analog voltage/current control with fast transient response and low-noise outputs to support demanding

laboratory and industrial test environments. Built-in protection features including CV/CC mode crossover and over-voltage protection safeguard connected devices. Fan-speed control minimizes acoustic noise while maintaining thermal stability across the full operating range.

Technical Specifications

Output Ratings Voltage: 0 to 35 V Current: 0 to 60 A Power: 2000 W
Rated output at 40°C: 0–35 V, 0–60 A

Programming and Regulation Voltage accuracy: 0.04% + 35 mV (at 25°C ±5°C) Current accuracy: 0.1% + 40 mA (at 25°C ±5°C) Voltage load regulation: 0.002% + 300 µV Voltage line regulation: 0.002% + 300 µV Output Quality Ripple and noise (20 Hz–20 MHz): 800 µV RMS, 9 mV peak-to-peak Current ripple and noise: 40 mA RMS Transient response: <900 µs recovery to within 100 mV following 100% to 50% or 50% to 100% load step

Programming response time: 350 ms (full load, 10%–90% or 90%–10%)

Input Power 6573A-200: 174–220 VAC, 47–63 Hz 6573A-230: 191–250 VAC, 47–63 Hz

Key Features Constant Voltage/Constant Current (CV/CC) mode crossover Over-voltage protection (OVP) Front-panel and analog programming control Fan-speed control for noise optimization Operating temperature: 0°C to 55°C Physical and Interface Dimensions: 425.5 mm W × 574 mm D × 640 mm H Benchtop or system mounting configuration Front-panel control; analog programming voltage interface No GPIB capability

Typical Applications The 6573A supports high-power DC testing, burn-in operations, component characterization, and power system validation requiring stable, precision voltage and current sourcing with minimal output disturbance.

Features & description

From manufacturer datasheet

Features

- 2000 W class single output (35 V at 60 A)

6573A Characteristics / Specifications

PARAMETER	VALUE
Model	6573A
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Single Output DC Power Supply
Family	657xA 2000 W
Alias	6573A; HP 6573A; Agilent 6573A
Output Voltage	0 to 35 V
Output Current	0 to 60 A
Output Power	2100 W class
Programming Accuracy Voltage	0.04 percent + 35 mV at 25 plus or minus 5 C
Programming Accuracy Current	0.1 percent + 40 mA
Ripple Voltage rms	800 uV (20 Hz to 20 MHz)
Ripple Voltage pp	9 mV
Ripple Current rms	40 mA
Remote Interface	analog/front panel (657xA no-GPIB generation)
Operating Modes	CV and CC
Protection	OVP and overcurrent/overtemperature class
Related 6571A	0 to 8 V high current 2000 W class
Related 6572A	0 to 20 V 2000 W class
Related 6574A	0 to 60 V 2000 W class
Related 6575A	0 to 120 V 2000 W class
GPIB Sibling	6673A 35 V 60 A with GPIB
Lower Power Sibling	6653A 35 V 15 A 500 W with GPIB
Form Factor	3U class system supply (confirm rack ears on unit)
Line Input	mains per rear nameplate (2000 W class draw)
Sense	remote sense terminals on rear

PARAMETER	VALUE
Programming	analog voltage/resistance class per family
Readback	front-panel meters
Transient	fast down/up programming family trait
Cooling	variable-speed fan
Status	HP/Agilent 657xA EOL; service by serial prefix Notes Voltage current accuracy and ripple from Agilent 6573A 2000 W family tables. 657xA is analog/front-panel; do not assign 6673A GPIB specs to this model unless the faceplate is 6673A.

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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Related 6571A	0 to 8 V high current 2000 W class
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Specifications

PARAMETER	VALUE
Related 6574A	0 to 60 V 2000 W class
Related 6575A	0 to 120 V 2000 W class
GPiB Sibling	6673A 35 V 60 A with GPiB

Specifications

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Notes

Voltage current accuracy and ripple from Agilent 6573A 2000 W family tables. 657xA is analog/front-panel; do not assign 6673A GPiB specs to this model unless the faceplate is 6673A.

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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<https://aumictechlabs.com>

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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.