

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N8921A DC System Power Supply, Single Output, 200 V, 70 A

Keysight (Agilent) N8921A DC System Power Supply, Single Output, 200 V, 70 A, 5000 W The Keysight N8921A is an N8900 Series autoranging system DC power supply (208 VAC) rated 200 V / 70 A / 5 kW. Autoranging supports combinations such as 200 V @ 25 A and 71.4 V @ 70 A at full power. Built-in V/I measurement; LAN/USB/GPIB/analog; LXI Core; 3U. High-power ATE on 208 Vac; autoranging system DC; parallel multi-unit banks. The Keysight N8921A is an N8900 Series autoranging system DC power supply (208 VAC) rated 200 V / 70 A / 5 kW. Autoranging supports combinations such as 200 V @ 25 A and 71.4 V @ 70 A at full power. Built-in V/I measurement; LAN/USB/GPIB/analog; LXI Core; 3U. High-power ATE on 208 Vac; autoranging system DC; parallel multi-unit banks.



MODEL

**Keysight / Agilent
N8921A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N8921A

LISTING

<https://aumictechlabs.com/products/n8921a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N8921A is a 5 kW autoranging DC system power supply engineered for automated test equipment and demanding research applications. This single-output unit delivers up to 200 V and 70 A with full autoranging flexibility across the entire power envelope. Built-in voltage and current measurements, comprehensive protection circuits, and multiple communication interfaces make it suitable for both standalone operation and parallel configuration with other N8900 Series

units. Technical Specifications Output Ratings Maximum output power: 5000 W Maximum output voltage: 200 V Maximum output current: 70 A Autoranging output: Full 5 kW available across wide voltage-current combinations (e.g., 200 V @ 25 A or 71.4 V @ 70 A) AC Input Input voltage range: 187 to 240 VAC Nominal input voltage: 208 VAC $\pm 10\%$ Input frequency: 45 to 65 Hz Input type: 3-Phase Programming & Measurements Voltage programming accuracy: 0.1% of full-scale Current programming accuracy: 0.2% of full-scale Built-in voltage and current measurements Protection Over-voltage, over-current, and over-temperature protection standard Physical Design 3U rack-mountable form factor (5.25 in height) Key Features Autoranging capability eliminates the need for multiple fixed-output supplies Parallel operation: Multiple N8900 units can be configured for combined output exceeding 100 kW using built-in master/slave control LAN (LXI Core), USB, GPIB, and analog interfaces for flexible system integration Typical Applications Automated test equipment (ATE) requiring variable voltage and current Research facilities demanding precision DC power with full programmability Systems requiring scalable power architecture Compatibility & Integration The N8921A integrates with the full N8900 Series ecosystem, supporting parallel operation for increased capacity. Standard instrumentation interfaces (LAN, USB, GPIB, analog) enable rapid integration into existing test systems.

Features & description

From manufacturer datasheet

Features

- 200 V / 70 A / 5,000 W • Autoranging: 25.0 A @ 200 V; 71.4 V @ 70 A • AC: 208 VAC nominal • Interfaces: LAN (LXI), USB, GPIB, analog • OVP/OCP/OTP; parallel primary/secondary

N8921A Characteristics / Specifications

PARAMETER	VALUE
Model	N8921A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Autoranging System DC Power Supply
Family	N8900 Series (5 kW, 208 VAC)
Alias	N8921A DC Output
Voltage	0–200 V; Current: 0–70 A; Power: 5,000 W
Autoranging	25.0 A @ 200 V; 71.4 V @ 70 A
Interfaces	LAN (LXI), USB, GPIB, analog

N8921A Specifications

PARAMETER	VALUE
Applications	High-power ATE on 208 Vac; autoranging system DC; parallel multi-unit banks.
Key Features	- 200 V / 70 A / 5,000 W
Technical Specifications	Model: N8921A
DC Output	Voltage: 0–200 V; Current: 0–70 A; Power: 5,000 W
Performance	Per N8900 datasheet 5991-2818EN N8921A/N8941A (200 V / 5 kW) column
AC Input	208 VAC nominal $\pm 10\%$; 3-phase; 45–65 Hz; PF > 0.99
Operational Notes	N8941A is the 400 Vac twin. Prefer N8900 datasheet 5991-2818EN.

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

Specifications

PARAMETER	VALUE
Model	N8921A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Autoranging System DC Power Supply
Family	N8900 Series (5 kW, 208 VAC)
Alias	N8921A

DC Output

Voltage: 0–200 V; Current: 0–70 A; Power: 5,000 W

Current @ Max Voltage: 25.0 A; Voltage @ Max Current: 71.4 V

Performance

Per N8900 datasheet 5991-2818EN N8921A/N8941A (200 V / 5 kW) column

AC Input

208 VAC nominal ±10%; 3-phase; 45–65 Hz; PF > 0.99

Operational Notes

N8941A is the 400 Vac twin. Prefer N8900 datasheet 5991-2818EN.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 5, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.