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Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N8937A

Keysight (Agilent) N8937A Autoranging System DC Power Supply, 1500 V, 30 A, 15000 W, 208 VAC The Keysight N8937A is an N8900 Series autoranging system DC power supply (208 VAC) rated 1500 V / 30 A / 15 kW. Autoranging supports combinations such as 1500 V @ 10 A and 500 V @ 30 A at full power. Built-in V/I measurement; LAN/USB/GPIB/analog; LXI Core; 3U. Not the N8937APV photovoltaic array simulator option/product. High-voltage ATE on 208 Vac; autoranging system DC; parallel multi-unit banks for >100 kW. The Keysight N8937A is an N8900 Series autoranging system DC power supply (208 VAC) rated 1500 V / 30 A / 15 kW. Autoranging supports combinations such as 1500 V @ 10 A and 500 V @ 30 A at full power. Built-in V/I measurement; LAN/USB/GPIB/analog; LXI Core; 3U. Not the N8937APV photovoltaic array simulator option/product. High-voltage ATE on 208 Vac; autoranging system DC; parallel multi-unit banks for >100 kW.



MODEL

**Keysight / Agilent
N8937A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N8937A

LISTING

<https://aumictechlabs.com/products/n8937a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight N8937A is a programmable DC power supply delivering up to 15 kW of output power for automated test equipment and precision power delivery applications. Its autoranging architecture provides voltage and current combinations across the full 0–1500 V, 0–30 A operating range at maximum power - effectively consolidating multiple traditional supplies into a single unit. Up to ten units operate in parallel with built-in master/slave control, enabling scalable output

current and combined power exceeding 100 kW without individual unit programming. Technical Specifications DC Output Maximum voltage: 1500 V Maximum current: 30 A Maximum power: 15 kW Voltage programming accuracy: 0.1% of full-scale Current programming accuracy: 0.2% of full-scale Voltage measurement accuracy: ≤ 80 mV Load effect (voltage): 40 mV across 0–100% full load AC Input Input voltage: 208 VAC Input voltage range: 187–240 VAC Key Features Autoranging output provides flexible voltage–current combinations at full 15 kW power, unlike fixed-point rectangular supplies Parallel operation of up to ten identical units with unified master/slave control architecture Built-in overvoltage, overcurrent, and overtemperature protection Simultaneous front-panel display of output voltage, current, and power Front panel control lockout to prevent accidental parameter modification Interfaces & Remote Control Standard interfaces: LAN (LXI Core compliant), USB 2.0, GPIB, analog Built-in Web server for browser-based remote monitoring and control Typical Applications Automated test systems requiring high power density, precision DC delivery across wide voltage–current envelopes, and distributed or parallel power architecture for systems exceeding 15 kW requirements.

Features & description

From manufacturer datasheet

Features

• 1500 V / 30 A / 15,000 W • Autoranging: 10.0 A @ 1500 V; 500.0 V @ 30 A • AC: 208 VAC nominal (187–240 Vac class) • Interfaces: LAN (LXI), USB, GPIB, analog • OVP/OCP/OTP; parallel primary/secondary

N8937A Characteristics / Specifications

PARAMETER	VALUE
Model	N8937A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Autoranging System DC Power Supply
Family	N8900 Series (15 kW, 208 VAC)
Alias	N8937A DC Output
Voltage	0–1500 V; Current: 0–30 A; Power: 15,000 W
Autoranging	10.0 A @ 1500 V; 500.0 V @ 30 A
Interfaces	LAN (LXI), USB, GPIB, analog

N8937A Specifications

PARAMETER	VALUE
Applications	High-voltage ATE on 208 Vac; autoranging system DC; parallel multi-unit banks for >100 kW.
Key Features	- 1500 V / 30 A / 15,000 W
Technical Specifications	Model: N8937A
DC Output	Voltage: 0–1500 V; Current: 0–30 A; Power: 15,000 W
Performance	Per N8900 datasheet 5991-2818EN N8937A/N8957A (1500 V / 15 kW) column
AC Input	208 VAC nominal ±10%; 3-phase; 45–65 Hz; PF > 0.99
Operational Notes	N8957A is the 400 Vac twin. Do not match N8937APV. 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	N8937A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Autoranging System DC Power Supply
Family	N8900 Series (15 kW, 208 VAC)
Alias	N8937A

DC Output

Voltage: 0–1500 V; Current: 0–30 A; Power: 15,000 W

Current @ Max Voltage: 10.0 A; Voltage @ Max Current: 500.0 V

Performance

Per N8900 datasheet 5991-2818EN N8937A/N8957A (1500 V / 15 kW) column

AC Input

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

Operational Notes

N8957A is the 400 Vac twin. Do not match N8937APV. 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

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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.