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Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N8732A DC Power Supply, 10 V, 330 A, 3300 W, Programmable

Keysight (Agilent) N8732A DC Power Supply, 10 V, 330 A, 3300 W, Programmable The Keysight N8732A is an N8700 Series system DC power supply rated 10 V / 330 A / 3300 W in compact 2U package. Flexible AC input options; GPIB/LAN (LXI)/USB; built-in V/I measurement; analog/resistance control; parallel and series stacking. System DC bias; very high-current 10 V ATE; rack power for component and automotive tests. The Keysight N8732A is an N8700 Series system DC power supply rated 10 V / 330 A / 3300 W in compact 2U package. Flexible AC input options; GPIB/LAN (LXI)/USB; built-in V/I measurement; analog/resistance control; parallel and series stacking. System DC bias; very high-current 10 V ATE; rack power for component and automotive tests.



MODEL

**Keysight / Agilent
N8732A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N8732A

LISTING

<https://aumictechlabs.com/products/n8732a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N8732A is a programmable DC power supply delivering 10 V, 330 A, and 3300 W in a compact 2U rack-mountable package. Built for high-current applications in R&D, design validation, and manufacturing, this single-output unit combines precise voltage and current control with extensive protection and multi-interface connectivity. Front-to-back airflow enables direct unit stacking without additional ventilation clearance, while parallel operation of up to 4

units supports higher current requirements. Technical Specifications Output Voltage: 10 V Output Current: 330 A Output Power: 3300 W Voltage Programming Accuracy: 0.05% + 5 mV Current Programming Accuracy: 0.1% + 660 mA Output Ripple (CV p-p): 60 mV Output Noise (CV rms): 8 mV AC Input: 85 to 265 Vac (universal) Form Factor: 2U rack-mountable Key Features Separate front-panel knobs for voltage and current adjustment with lockable controls Simultaneous display of output voltage and current Programmable via LAN (LXI-Core), USB, GPIB, analog inputs, and integrated web server SCPI and IVI-COM driver support for remote automation Overcurrent, overvoltage, undervoltage, and overtemperature protection Built-in voltage and current measurement capability Includes BenchVue Basic software license (node-locked) for power supply management Expandability Parallel operation of up to 4 units for increased current output Series configuration available for higher voltage applications Typical Applications Aerospace/defense, automotive, and communications systems requiring high-current DC power with precise regulation and remote control capabilities.

Features & description

From manufacturer datasheet

Features

• 10 V / 330 A / 3,300 W • 2U high-density package • Interfaces: GPIB, LAN (LXI-Core), USB • CV ripple: 60 mV p-p / 8 mV rms • Programming accuracy: 0.05% + 5 mV (V); 0.1% + 660 mA (I) • Parallel / series multi-unit capability • OVP/OCP/OTP

N8732A Characteristics / Specifications

PARAMETER	VALUE
Model	N8732A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	System DC Power Supply
Family	N8700 Series (3.3 kW class)
Alias	N8732A DC Output Ratings
Voltage	0.05% + 5 mV
Current	0.1% + 990 mA Load Transient Recovery
Power	3,300 W Output Ripple and Noise
CV rms	8 mV Programming Accuracy
Time	< 1 ms (family low-voltage group) Operational Notes Do not confuse with N8734A (20 V / 165 A). Prefer Keysight N8700 Series datasheet 5990-3881.
Interfaces	GPIB, LAN (LXI-Core), USB
CV ripple	60 mV p-p / 8 mV rms
Programming accuracy	0.05% + 5 mV (V); 0.1% + 660 mA (I)

N8732A Specifications

PARAMETER	VALUE
Applications	System DC bias; very high-current 10 V ATE; rack power for component and automotive tests.
Key Features	- 10 V / 330 A / 3,300 W
Technical Specifications	Model: N8732A
DC Output Ratings	Voltage: 0 to 10 V
Output Ripple and Noise	CV p-p: 60 mV
Measurement Accuracy	Voltage: 0.1% + 10 mV
Load Transient Recovery	Time: < 1 ms (family low-voltage group)
Operational Notes	Do not confuse with N8734A (20 V / 165 A). Prefer Keysight N8700 Series datasheet 5990-3881.

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	N8732A
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	System DC Power Supply
Family	N8700 Series (3.3 kW class)
Alias	N8732A

DC Output Ratings

Specifications

PARAMETER	VALUE
Voltage	0 to 10 V
Current	0 to 330 A
Power	3,300 W

Output Ripple and Noise

CV p-p: 60 mV

CV rms: 8 mV

Programming Accuracy

Voltage: 0.05% + 5 mV

Current: 0.1% + 660 mA

Measurement Accuracy

Voltage: 0.1% + 10 mV

Current: 0.1% + 990 mA

Load Transient Recovery

Time: < 1 ms (family low-voltage group)

Operational Notes

Do not confuse with N8734A (20 V / 165 A). Prefer Keysight N8700 Series datasheet 5990-3881.

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.