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Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 12, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N8760A DC Power Supply, 150 V, 34 A, 5100 W

Alias: N8760A; Keysight N8760A; Agilent N8760A CC line regulation: 17 mV/program accuracy: 0.025% + 112.5 mV/program accuracy: 0.1% + 102 mV/measurement accuracy: 0.025% + 187.5 mV/measurement accuracy: 0.1% + 102 mA Specs from Keysight N8700 Series System DC Power Supplies data sheet (N8760A column). Confirm AC input option and interface fit on the unit. CC line regulation: 17 mV/program accuracy: 0.025% + 112.5 mV/program accuracy: 0.1% + 102 mV/measurement accuracy: 0.025% + 187.5 mV/measurement accuracy: 0.1% + 102 mA Specs from Keysight N8700 Series System DC Power Supplies data sheet (N8760A column). Confirm AC input option and interface fit on the unit.



MODEL

**Keysight / Agilent
N8760A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N8760A

LISTING

<https://aumictechlabs.com/products/n8760a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N8760A is a 5100 W single-output programmable DC power supply engineered for demanding test, research, and production environments. Delivering 150 V at 34 A, this instrument combines high power density with precision control in a compact 2U rack-mount form factor. Full remote capability via LAN, USB, and GPIB - plus integrated web server access - makes it ideal for automated test equipment (ATE) systems and laboratory automation. Technical Specifications DC

Output Ratings Voltage: 150 V Current: 34 A Power: 5100 W Programming Accuracy Voltage: 0.025% + 112.5 mV Current: 0.1% + 102 mA Output Ripple and Noise CV peak-to-peak: 120 mV CV RMS: 25 mV RMS ripple & noise: 25 mV AC Input Multiple input configurations available (hardware-selectable at factory): 208 VAC; 190–240 VAC 3-phase, 50/60 Hz; 180–235 V 3-phase, 50–60 Hz; 360–440 V 3-phase, 50–60 Hz; or universal 85–265 VAC input. Key Features Built-in voltage and current measurement Full protection: overcurrent, overvoltage, under-voltage, and over-temperature Under-voltage limit (UVL) prevents unintended output reduction Front-to-back airflow design allows stacking without additional spacing Front panel control with rotary knobs, push buttons, and lockable settings Simultaneous display of output voltage and current with LED status indicators Parallel operation (up to 4 units) for increased current; series operation (up to 2 units) for increased voltage Analog programming and monitoring; analog/resistance control of voltage and current Compatibility & Integration LAN, USB, GPIB interfaces; fully LXI-compatible SCPI command set and IVI-COM drivers included Integrated web server for remote browser-based control BenchVue BV0003B software license included 19 inch rack-mount kit available (N5740A)

Features & description

From manufacturer datasheet

Features

• Voltage: 0 to 150 V (min voltage guaranteed to max 0.2% of rated) • Current: 0 to 34 A (min current guaranteed to max 0.4% of rated) • Power: 5100 W • Form factor: 2U system supply • CV ripple p-p (20 MHz): 120 mV • CV ripple rms (5 Hz–1 MHz): 25 mV • CV load regulation: 27.5 mV • CC load regulation: 34 mA • CV line regulation: 15 mV • CC line regulation: 17 mA • Voltage programming accuracy: 0.025% + 112.5 mV • Current programming accuracy: 0.1% + 102 mA • Voltage measurement accuracy: 0.025% + 187.5 mV • Current measurement accuracy: 0.1% + 102 mA • Load transient recovery: <2 ms (to within 0.5% of rated for 10–90% load step, local sense) • Control: analog / resistance programming of V and I • Parallel and series connection of multiple supplies supported • Flexible AC input options (single/3-phase per series)

Applications

• High-power ATE and burn-in • Parallel current / series voltage stacking of N8700 supplies • Analog programmed system DC power

N8760A Characteristics / Specifications

PARAMETER	VALUE
Model	N8760A
Manufacturer	Keysight / Agilent
Instrument Type	System DC Power Supply
Alias	N8760A; Keysight N8760A; Agilent N8760A
Voltage	0 to 150 V (min voltage guaranteed to max 0.2% of rated)
Current	0 to 34 A (min current guaranteed to max 0.4% of rated)
Power	5100 W
CV ripple rms	25 mV
CV load regulation	27.5 mV
CC load regulation	34 mA
CV line regulation	15 mV
CC line regulation	17 mAVprogram accuracy: 0.025% + 112.5 mVlprogram accuracy: 0.1% + 102 mAVmeasure accuracy: 0.025% + 187.5 mVlmeasure accuracy: 0.1% + 102 mA
Transient recovery	<2 ms
Height	2U Notes Specs from Keysight N8700 Series System DC Power Supplies data sheet (N8760A column). Confirm AC input option and interface fit on the unit.
Form factor	2U system supply
CV ripple p-p (20 MHz)	120 mV
CV ripple rms (5 Hz–1 MHz)	25 mV
Voltage programming accuracy	0.025% + 112.5 mV
Current programming accuracy	0.1% + 102 mA
Voltage measurement accuracy	0.025% + 187.5 mV
Current measurement accuracy	0.1% + 102 mA
Load transient recovery	<2 ms (to within 0.5% of rated for 10–90% load step, local sense)
Control	analog / resistance programming ofVand I

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
CV ripple rms	25 mV
CV load regulation	27.5 mV
CC load regulation	34 mA
CV line regulation	15 mV
CC line regulation	17 mA
V program accuracy	0.025% + 112.5 mV
I program accuracy	0.1% + 102 mA
V measure accuracy	0.025% + 187.5 mV
I measure accuracy	0.1% + 102 mA
Transient recovery	<2 ms
Height	2U
Specifications	
PARAMETER	VALUE
Model	N8760A
Manufacturer	Keysight / Agilent
Instrument Type	System DC Power Supply
Alias	N8760A; Keysight N8760A; Agilent N8760A
Specifications	
PARAMETER	VALUE
Voltage	0-150 V
Current	0-34 A
Power	5100 W
CV ripple p-p: 120 mV	
Specifications	

PARAMETER	VALUE
CV ripple rms	25 mV
CV load regulation	27.5 mV
CC load regulation	34 mA
CV line regulation	15 mV
CC line regulation	17 mVprogram accuracy: 0.025% + 112.5 mV Iprogram accuracy: 0.1% + 102 mA Vmeasure accuracy: 0.025% + 187.5 mV Imeasure accuracy: 0.1% + 102 mA
Transient recovery	<2 ms
Height	2U

Notes

Specs from Keysight N8700 Series System DC Power Supplies data sheet (N8760A column). Confirm AC input option and interface fit on the unit.

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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.