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Data Sheet

August 5, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N6732B DC Power Supply, 8 V, 6.25 A, 50 W, Programmable

Keysight (Agilent) N6732B DC Power Supply, 8 V, 6.25 A, 50 W, Programmable The Keysight N6732B is an N6700 Series basic DC power module rated 0–8 V / 0–6.25 A / 50 W for N6700 modular power systems or N6705 DC Power Analyzer mainframes. One-slot programmable V/I with measurement and protection. Modular multi-rail ATE; fixture control; bench multi-output systems in N6700/N6705 mainframes. The Keysight N6732B is an N6700 Series basic DC power module rated 0–8 V / 0–6.25 A / 50 W for N6700 modular power systems or N6705 DC Power Analyzer mainframes. One-slot programmable V/I with measurement and protection. Modular multi-rail ATE; fixture control; bench multi-output systems in N6700/N6705 mainframes.



MODEL

**Keysight / Agilent
N6732B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N6732B

LISTING

<https://aumictechlabs.com/products/n6732b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N6732B is a 50 W programmable DC power module engineered for integration into automated test equipment (ATE) systems and standalone benchtop operation. This single-slot, low-profile unit delivers 8 V at 6.25 A with output voltage adjustable from 0 V, combining precise programming accuracy with low noise performance. The module fits within the N6700 Modular

Power System, allowing up to four outputs in a single 1U rack space, making it ideal for powering devices under test or ATE system resources including fixture control.

Technical Specifications
Output Voltage: 8 V, 0 V minimum Output Current: 6.25 A Power Rating: 50 W Voltage Programming Accuracy: $\pm(0.1\% + 19 \text{ mV})$ at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ Current Programming Accuracy: $\pm(0.15\% + 20 \text{ mA})$ at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ Voltage Ripple & Noise (20 Hz to 20 MHz): 2 mV rms / 12 mV peak-to-peak Current Ripple & Noise (20 Hz to 20 MHz): 4 mA rms

Key Features Programmable voltage and current for flexible test configurations Fast command processing and output speed to maximize test throughput Integrated measurement and protection features GPIB, LAN, and USB interfaces for remote control and data acquisition LXI Class C compliant for standards-based test system integration Optional high-speed test extensions, output disconnect, and polarity reversal relays available

Typical Applications Device under test (DUT) power delivery in automated test systems Fixture control and ATE system resource powering Benchtop verification and characterization of low-voltage circuits Multi-channel test configurations leveraging the modular architecture

Compatibility & Integration The N6732B slots into the Keysight N6700 Low-Profile Modular Power System or operates standalone with the N6705 DC Power Analyzer. Its one-slot design enables flexible mixed-configuration systems with multiple output types in compact 1U rack-mount form factor. Standard communication protocols support direct integration into existing test frameworks.

Features & description

From manufacturer datasheet

Features

- 0–8 V / 0–6.25 A / 50 W • One-slot N6700 / N6705 module • Basic DC power module class (N673xB 50 W family) • Ripple (PAR 20 Hz–20 MHz): CV ~12 mV p-p / ~2 mV rms (N6732B column class) • Optional output disconnect (761) / polarity reversal (760) family options • Host provides GPIB/LAN/USB/LXI

N6732B Characteristics / Specifications

PARAMETER	VALUE
The Keysight N6732B is an N6700 Series basic DC power module rated	8 V / 0–6.25 A / 50 W for N6700 modular power systems or N6705 DC Power Analyzer mainframes. One-slot programmable V/I with measurement and protection.
Model	N6732B
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Modular DC Power Supply Module
Family	N6700 Series (N6731B–N6736B 50 W)
Alias	N6732B DC Output
Voltage	4 mV; Current: 2 mA Host Requires N6700-series MPS or N6705 DC Power Analyzer mainframe Operational Notes Prefer Keysight N6700 Series Specifications Guide for full accuracy rows for N6732B.
Current	0 to 6.25 A
Power	50 W Output Ripple and Noise (PARD 20 Hz–20 MHz)
CV rms	2 mV Load Effect (family table class)
Ripple (PARD 20 Hz–20 MHz)	CV ~12 mV p-p / ~2 mV rms (N6732B column class)

N6732B Specifications

PARAMETER	VALUE
Applications	Modular multi-rail ATE; fixture control; bench multi-output systems in N6700/N6705 mainframes.
Key Features	- 0–8 V / 0–6.25 A / 50 W
Technical Specifications	Model: N6732B
DC Output	Voltage: 0 to 8 V
Load Effect (family table class)	Voltage: 4 mV; Current: 2 mA
Host	Requires N6700-series MPS or N6705 DC Power Analyzer mainframe
Operational Notes	Prefer Keysight N6700 Series Specifications Guide for full accuracy rows for N6732B.

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	N6732B
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Modular DC Power Supply Module
Family	N6700 Series (N6731B–N6736B 50 W)
Alias	N6732B

DC Output

Specifications

PARAMETER	VALUE
Voltage	0 to 8 V
Current	0 to 6.25 A
Power	50 W

Output Ripple and Noise (PARD 20 Hz–20 MHz)

CV peak-to-peak: 12 mV (N6732B column)

CV rms: 2 mV

Load Effect (family table class)

Voltage: 4 mV; Current: 2 mA

Host

Requires N6700-series MPS or N6705 DC Power Analyzer mainframe

Operational Notes

Prefer Keysight N6700 Series Specifications Guide for full accuracy rows for N6732B.

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.