Aumictech
Test & measurement · bought, sold, repaired, calibrated

Data Sheet
August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E36104B

Agilent Keysight E36104B Programmable DC Power Supply The Keysight E36104B is an E36100B Series single-output programmable bench DC power supply rated 35 V / 1 A / 35 W in a 2U 1/4-rack form factor. OEM E36100B data sheet 5992-2437 lists LAN (LXI Core), USB, OLED display, and low-range current measurement. Compact bench DC bias, automated sequences, and accurate sourcing/measurement within the E36104B voltage and current envelope. Load Regulation Voltage: less than 0.01 percent + 6 mV The Keysight E36104B is an E36100B Series single-output programmable bench DC power supply rated 35 V / 1 A / 35 W in a 2U 1/4-rack form factor. OEM E36100B data sheet 5992-2437 lists LAN (LXI Core), USB, OLED display, and low-range current measurement. Compact bench DC bias, automated sequences, and accurate sourcing/measurement within the E36104B voltage and current envelope. Load Regulation Voltage: less than 0.01 percent + 6 mV Load Regulation Current: less than 0.02 percent + 50 uA

MODEL **Agilent / Keysight E36104B**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **E36104B**	LISTING **https://aumictechlabs.com/products/e36104b-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E36104B is a 35 W single-output programmable DC power supply engineered for benchtop and system-level testing. This 2U, ¼-rack instrument delivers 0–35 V at 0–1 A with exceptional regulation and sub-millivolt noise performance, making it ideal for precision device

characterization and low-current measurement down to 1 µA resolution.Technical Specifications Output Rating Maximum voltage: 35 V Maximum current: 1 A Maximum power: 35 W Voltage Programming Accuracy: ±(0.05% of output + 12 mV)Current Programming Accuracy: ±(0.05% of output + 0.6 mA) Voltage Readback Accuracy: ±(0.05% of output + 8 mV)Current Readback Accuracy: ±(0.05% of output + 0.5 mA) Output Ripple and Noise (20 Hz to 20 MHz) Voltage RMS: 1.2 mV Voltage peak-to-peak: 20 mV Current RMS: 400 µA Load Regulation Voltage: < 0.01% + 6 mV Current: < 0.02% + 50 µA Line Regulation (47–63 Hz) Voltage: < 0.01% + 4 mV Current: < 0.02% + 50 µAKey Features Low-current resolution to 1 µA for small-power device testing Transient response faster than 50 µs with command processing under 10 ms Integrated overvoltage, overcurrent, and overtemperature protection High-contrast OLED display with intuitive menu navigation, rotary knob, and keypad control Front panel lock prevents accidental setting changes during active tests AC input configurable for 100, 115, or 230 VAC (±10%); maximum power consumption 200 VATypical Applications Precision circuit validation, semiconductor characterization, low-power device testing, and laboratory measurements requiring stable, low-noise DC sourcing with integrated safeguards.Compatibility & Integration LAN (LXI Core) and USB (TMC488) interfaces support SCPI commands, IVI drivers, web-based control, Keysight IO Libraries Suite, and BenchVue app integration. Member of the E36100B Series and direct drop-in replacement for the E36104A. Operating temperature range: 0 °C to 40 °C. Dimensions: 89–102 mm (H) × 106 mm (W) × 339–365 mm (D); weight approximately 3.6–3.7 kg.

E36104B Characteristics / Specifications

PARAMETER	VALUE
Model	E36104B
DC Output Voltage	0 to 35 V
DC Output Current	0 to 1 A
DC Output Power	35 W
Load Regulation Voltage	less than 0.01 percent + 6 mV
Load Regulation Current	less than 0.02 percent + 50 uA
Line Regulation Voltage	less than 0.01 percent + 4 mV
Line Regulation Current	less than 0.02 percent + 50 uA
Output Ripple Noise RMS	1.2 mV (20 Hz to 20 MHz)
Output Ripple Noise Peak To Peak	20 mV
Programming Accuracy Voltage	0.05 percent + 12 mV (12 months, 23 C plus or minus 5 C)
Programming Accuracy Current	0.05 percent + 0.6 mA
Readback Accuracy Voltage	0.05 percent + 8 mV
Readback Accuracy Current	0.05 percent + 0.5 mA
Low Range Current Accuracy	0.25 percent + 40 uA (0 to 4 mA)
Load Transient Recovery Time	less than 50 us
Voltage Settling Band	87.5 mV
Programming Resolution Voltage	2.1 mV
Programming Resolution Current	60 uA
Readback Resolution Voltage	1.4 mV
Output Current Noise RMS	400 uA (20 Hz to 20 MHz)
OVP Accuracy Offset	0.20 percent + 3 V
Command Processing Time	less than 10 ms
Form Factor	2U 1/4 rack 102 × 106 × 365 mm overall
Net Weight Class	3.7 kg approximate

PARAMETER	VALUE
Remote Interfaces	LAN LXI Core USB 2.0 TMC488
Series Family	E36100B Series
Brand Lineage	Agilent / Keysight

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	E36104B
DC Output Voltage	0 to 35 V
DC Output Current	0 to 1 A
DC Output Power	35 W
Load Regulation Voltage	less than 0.01 percent + 6 mV
Load Regulation Current	less than 0.02 percent + 50 uA
Line Regulation Voltage	less than 0.01 percent + 4 mV
Line Regulation Current	less than 0.02 percent + 50 uA
Output Ripple Noise RMS	1.2 mV (20 Hz to 20 MHz)
Output Ripple Noise Peak To Peak	20 mV
Programming Accuracy Voltage	0.05 percent + 12 mV (12 months, 23 C plus or minus 5 C)
Programming Accuracy Current	0.05 percent + 0.6 mA
Readback Accuracy Voltage	0.05 percent + 8 mV
Readback Accuracy Current	0.05 percent + 0.5 mA
Low Range Current Accuracy	0.25 percent + 40 uA (0 to 4 mA)
Load Transient Recovery Time	less than 50 us
Voltage Settling Band	87.5 mV
Programming Resolution Voltage	2.1 mV
Programming Resolution Current	60 uA
Readback Resolution Voltage	1.4 mV
Output Current Noise RMS	400 uA (20 Hz to 20 MHz)
OVP Accuracy Offset	0.20 percent + 3 V
Command Processing Time	less than 10 ms
Form Factor	2U 1/4 rack 102 x 106 x 365 mm overall
Net Weight Class	3.7 kg approximate
Remote Interfaces	LAN LXI Core USB 2.0 TMC488

PARAMETER	VALUE
Series Family	E36100B Series
Brand Lineage	Agilent / Keysight

Notes
From Keysight E36100B Series Programmable DC Power Supplies data sheet 5992-2437 model column for E36104B.

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 14, 2026