

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E36106B

Agilent Keysight E36106B Programmable DC Power Supply The Keysight E36106B is an E36100B Series single-output programmable bench DC power supply rated 100 V / 0.4 A / 40 W in a 2U 1/4-rack form factor. OEM E36100B data sheets list LAN (LXI Core), USB, OLED display, and low-range current measurement. Compact bench DC bias, automated sequences, and low-current accurate sourcing/measurement up to 100 V. Load Regulation Voltage: less than 0.01 percent + 20 mV The Keysight E36106B is an E36100B Series single-output programmable bench DC power supply rated 100 V / 0.4 A / 40 W in a 2U 1/4-rack form factor. OEM E36100B data sheets list LAN (LXI Core), USB, OLED display, and low-range current measurement. Compact bench DC bias, automated sequences, and low-current accurate sourcing/measurement up to 100 V. Load Regulation Voltage: less than 0.01 percent + 20 mV Load Regulation Current: less than 0.02 percent + 20 μ A



MODEL

**Agilent / Keysight
E36106B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E36106B

LISTING

<https://aumictechlabs.com/products/e36106b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight E36106B is a single-output, programmable DC power supply engineered for benchtop and system integration applications requiring precise voltage and current control. This 40 W linear supply delivers 0–100 V at up to 0.4 A with exceptional stability and low noise, making it ideal for powering sensitive test circuits and devices requiring tight regulation. Technical

Specifications Output voltage ranges from 0 V to 100 V with 6.0 mV programming resolution and 4 mV readback resolution. Output current spans 0 A to 0.4 A (400 mA) with 24 μ A programming resolution and 16 μ A readback resolution. Highly accurate low-current measurement capability resolves down to 120 nA. Programming accuracy is $\pm(0.05\%$ of output + 40 mV) for voltage and $\pm(0.05\%$ of output + 0.3 mA) for current. Readback accuracy is $\pm(0.05\%$ of output + 20 mV) for voltage and $\pm(0.05\%$ of output + 0.2 mA) for current. Voltage ripple and noise (20 Hz to 20 MHz) is limited to 2.5 mV RMS and 40 mV peak-to-peak; current noise is 160 μ A RMS.

Key Features Overvoltage, overcurrent, and overtemperature protection safeguard the DUT High-contrast OLED display with wide viewing angles SCPI and IVI programming support for automated test sequences USB and LAN (LXI Core) connectivity enables remote operation and integration into automated test systems Web interface and BenchVue software support for flexible control architectures Compact 2U, $\frac{1}{4}$ rack form factor (102 × 106 × 365 mm); weighs 3.6 kg RoHS compliant Input voltage: 100–230 VAC (47–63 Hz)

Typical Applications Ideal for device characterization, circuit validation, power supply development testing, and laboratory environments where stable, regulated DC power with excellent measurement accuracy is essential.

Compatibility & Integration Full compatibility with Keysight IO Libraries Suite ensures seamless integration into existing test infrastructure. Remote control via web interface and BenchVue software enables distributed test automation and data logging.

E36106B Characteristics / Specifications

PARAMETER	VALUE
Model	E36106B
DC Output Voltage	0 to 100 V
DC Output Current	0 to 0.4 A
DC Output Power	40 W
Load Regulation Voltage	less than 0.01 percent + 20 mV
Load Regulation Current	less than 0.02 percent + 20 uA
Line Regulation Voltage	less than 0.01 percent + 12 mV
Line Regulation Current	less than 0.02 percent + 20 uA
Output Ripple Noise RMS	2.5 mV (20 Hz to 20 MHz)
Output Ripple Noise Peak To Peak	40 mV
Programming Accuracy Voltage	0.05 percent + 40 mV
Programming Accuracy Current	0.05 percent + 0.3 mA
Readback Accuracy Voltage	0.05 percent + 20 mV
Readback Accuracy Current	0.05 percent + 0.2 mA
Low Range Current Accuracy	0.25 percent + 40 uA class family table
Programming Resolution Voltage	6.0 mV
Programming Resolution Current	24 uA
Readback Resolution Voltage	4 mV
Form Factor	2U 1/4 rack 102 × 106 × 365 mm overall
Net Weight Class	3.7 kg approximate
Remote Interfaces	LAN LXI Core USB 2.0 TMC488
Series Family	E36100B Series
Brand Lineage	Agilent / Keysight

E36106B Specifications

PARAMETER	VALUE
Agilent Keysight E36106B Programmable DC Power Supply	Overview
Applications	Compact bench DC bias, automated sequences, and low-current accurate sourcing/measurement up to 100 V.
Key Features	Compact 2U 1/4 rack form factor
OVP OCP OTP protection	Low range current measurement
Technical Specifications	Model: E36106B
Notes	From Keysight E36100B Series Programmable DC Power Supplies data sheet model column for E36106B.

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	E36106B
DC Output Voltage	0 to 100 V
DC Output Current	0 to 0.4 A
DC Output Power	40 W
Load Regulation Voltage	less than 0.01 percent + 20 mV
Load Regulation Current	less than 0.02 percent + 20 uA
Line Regulation Voltage	less than 0.01 percent + 12 mV
Line Regulation Current	less than 0.02 percent + 20 uA
Output Ripple Noise RMS	2.5 mV (20 Hz to 20 MHz)
Output Ripple Noise Peak To Peak	40 mV
Programming Accuracy Voltage	0.05 percent + 40 mV
Programming Accuracy Current	0.05 percent + 0.3 mA
Readback Accuracy Voltage	0.05 percent + 20 mV
Readback Accuracy Current	0.05 percent + 0.2 mA
Low Range Current Accuracy	0.25 percent + 40 uA class family table
Programming Resolution Voltage	6.0 mV
Programming Resolution Current	24 uA
Readback Resolution Voltage	4 mV
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
Series Family	E36100B Series
Brand Lineage	Agilent / Keysight
Notes	
From Keysight E36100B Series Programmable DC Power Supplies data sheet model column for E36106B.	

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

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.