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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E36105B

Agilent Keysight E36105B Programmable DC Power Supply The Keysight E36105B is an E36100B Series single-output programmable bench DC power supply rated 60 V / 0.6 A / 36 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 E36105B voltage and current envelope. Load Regulation Voltage: less than 0.01 percent + 10 mV The Keysight E36105B is an E36100B Series single-output programmable bench DC power supply rated 60 V / 0.6 A / 36 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 E36105B voltage and current envelope. Load Regulation Voltage: less than 0.01 percent + 10 mV Load Regulation Current: less than 0.02 percent + 30 μ A



MODEL

**Agilent / Keysight
E36105B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E36105B

LISTING

<https://aumictechlabs.com/products/e36105b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight E36105B is a single-output 36 W benchtop DC power supply delivering 60 V at 0.6 A with exceptional regulation and low noise for precision circuit testing and design verification. Programming accuracy reaches $\pm(0.05\% + 20 \text{ mV})$ for voltage and $\pm(0.05\% + 0.4 \text{ mA})$ for current,

while readback accuracy is $\pm(0.05\% + 12 \text{ mV})$ and $\pm(0.05\% + 0.3 \text{ mA})$ respectively. Output ripple and noise are held to 1.55 mV RMS and 30 mV peak-to-peak across the 20 Hz to 20 MHz band, with current noise at 200 μA RMS. Technical Specifications Output Rating: 60 V, 0.6 A, 36 W Programming Accuracy: Voltage $\pm(0.05\% + 20 \text{ mV})$; Current $\pm(0.05\% + 0.4 \text{ mA})$ Readback Accuracy: Voltage $\pm(0.05\% + 12 \text{ mV})$; Current $\pm(0.05\% + 0.3 \text{ mA})$ Ripple and Noise (20 Hz–20 MHz): Voltage 1.55 mV RMS / 30 mV peak-to-peak; Current 200 μA RMS Low-Current Measurement: 1 μA resolution Transient Response: $<50 \mu\text{s}$ Command Processing: $<10 \text{ ms}$ Input: Configurable 100/115/230 VAC (200 VA max) Dimensions: 2U, $\frac{1}{4}$ rack; 3.6 kg Key Features Overvoltage, overcurrent, and overtemperature protection safeguard the DUT High-contrast OLED display with wide viewing angles SCPI programming support and web interface control USB and LAN (LXI Core) connectivity for local and remote operation Field-selectable input voltage via underside switches Time-delay fusing: 2 A for 100/115 VAC; 1 A for 230 VAC Typical Applications Benchtop testing, design verification, and general-purpose power sourcing for low-power circuits requiring precise voltage and current control with accurate measurement feedback.

E36105B Characteristics / Specifications

PARAMETER	VALUE
Model	E36105B
DC Output Voltage	0 to 60 V
DC Output Current	0 to 0.6 A
DC Output Power	36 W
Load Regulation Voltage	less than 0.01 percent + 10 mV
Load Regulation Current	less than 0.02 percent + 30 uA
Line Regulation Voltage	less than 0.01 percent + 7 mV
Line Regulation Current	less than 0.02 percent + 30 uA
Output Ripple Noise RMS	1.55 mV (20 Hz to 20 MHz)
Output Ripple Noise Peak To Peak	30 mV
Programming Accuracy Voltage	0.05 percent + 20 mV (12 months, 23 C plus or minus 5 C)
Programming Accuracy Current	0.05 percent + 0.4 mA
Readback Accuracy Voltage	0.05 percent + 12 mV
Readback Accuracy Current	0.05 percent + 0.3 mA
Low Range Current Accuracy	0.25 percent + 40 uA (0 to 3 mA)
Load Transient Recovery Time	less than 50 us
Voltage Settling Band	150 mV
Programming Resolution Voltage	3.6 mV
Programming Resolution Current	36 uA
Readback Resolution Voltage	2.4 mV
Output Current Noise RMS	200 uA (20 Hz to 20 MHz)
OVP Accuracy Offset	0.20 percent + 5 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	
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Notes
From Keysight E36100B Series Programmable DC Power Supplies data sheet 5992-2437 model column for E36105B.

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.