

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E36155ABV

Agilent / Keysight DC Power Supplies. Voltage: 60 V (range selector: 50–99.9 V), Current: 40 A (range selector: 30–49.9 A), Voltage: 100–230 VAC.



MODEL

**Agilent / Keysight
E36155ABV**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E36155ABV

LISTING

<https://aumictechlabs.com/products/e36155abv-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E36155ABV is a single-output DC power supply bundle delivering 800 W at 60 V / 40 A with autoranging capability across 50–99.9 V and 30–49.9 A. The bundle combines the E36155A power module with advanced instrumentation software and dynamic analysis tools for laboratory and industrial testing. It captures transient behavior, generates arbitrary waveforms, and supports automotive standards compliance testing through integrated software control and fast data acquisition. Technical Specifications Output: Single channel, 800 W maximum Output voltage: 60 V (range selector: 50–99.9 V) Output current: 40 A (range selector: 30–49.9 A) Input voltage: 100–230 VAC Autoranging: Yes, maintains maximum power across voltage and current combinations Programming accuracy - voltage: $\pm 0.03\%$ of output + 10 mV; current: $\pm 0.1\%$ of output + 10 mA Readback accuracy - voltage: $\pm 0.03\%$ of output + 10 mV; current: $\pm 0.1\%$ of output + 10 mA Line/load regulation: Excellent Output ripple and noise: Low Adjustable slew rate for inrush current limiting and voltage ramping 4-wire remote sensing for load-point voltage compensation Key Features Scope View (E36150ADVU): Real-time capture of DC transients

including current pulses, peak demands, dropouts, and rise times at 100 kHz sampling (10 μ s resolution) with 256K sample memory depth. Arbitrary Waveform Generation (E36150ADVU): 512 setpoints with configurable dwell time; supports sine, step, ramp, staircase, pulse, trapezoid, and exponential waveforms. Extended bundle variant (E36155ABVX) enables 10,000 constant dwell setpoints. PathWave Advanced Power Control and Analysis Software (PW9252A): PC-based instrument control with advanced power analysis and automation capabilities. Automotive Standards Testing (E36150ATMU, E36155ABVX only): 7.5 $\times$ faster output programming speed, ISO preset library (starting profile, reset behavior, motor regen, load dump), and e-logging with 1 ms sampling for voltage and current trace measurement. Typical Applications Electronic device development, automotive power system validation, transient analysis, waveform simulation, and compliance testing under automotive standards.

E36155ABV Characteristics / Specifications

PARAMETER	VALUE
Model	E36155A
Series	E36150
Instrument Type	Autoranging single-output bench DC power supply
Dc Output Voltage	0 to 60 V
Dc Output Current	0 to 40 A
Dc Output Power	800 W
Output Channels	1
Peak Power Handling Class	up to 2400 W
Load Regulation Voltage	less than 0.01 percent + 2 mV
Load Regulation Current	less than 0.1 percent + 2 mA
Line Regulation Voltage	less than 0.01 percent + 2 mV
Line Regulation Current	less than 0.1 percent + 2 mA
Ripple Noise Vpp 20 Hz To 20 MHz	less than 75 mV
Ripple Noise Vrms 20 Hz To 10 MHz	less than 5 mV
Programming Accuracy Voltage	0.03 percent + 10 mV
Programming Accuracy Current	0.1 percent + 10 mA
Readback Accuracy Voltage	0.04 percent + 10 mV
Readback Accuracy Current	0.1 percent + 10 mA
Low Range Current Accuracy	0.1 percent + 4 mA
Load Transient Settling Band	150 mV
Load Transient Recovery Time	less than 1 ms
Programming Resolution Voltage Remote	4 mV
Programming Resolution Current Remote	3 mA
Readback Resolution Voltage Remote	2 mV
Readback Resolution Current Remote	2 mA

PARAMETER	VALUE
Normal Mode Current Noise	less than 1 mArms
Command Processing Time	less than 10 ms
Remote Interfaces Standard	USB and LAN LXI
GPIB Interface Path	optional user-installable module
Display	4.3 inch LCD color
Temperature Rating Output	0 to 40 C for stated ratings

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	E36155A
Series	E36150
Instrument Type	Autoranging single-output bench DC power supply
Dc Output Voltage	0 to 60 V
Dc Output Current	0 to 40 A
Dc Output Power	800 W
Output Channels	1
Peak Power Handling Class	up to 2400 W
Load Regulation Voltage	less than 0.01 percent + 2 mV
Load Regulation Current	less than 0.1 percent + 2 mA
Line Regulation Voltage	less than 0.01 percent + 2 mV
Line Regulation Current	less than 0.1 percent + 2 mA
Ripple Noise Vpp 20 Hz To 20 MHz: less than 75 mV	
Ripple Noise Vrms 20 Hz To 10 MHz: less than 5 mV	
Specifications	
PARAMETER	VALUE
Programming Accuracy Voltage	0.03 percent + 10 mV
Programming Accuracy Current	0.1 percent + 10 mA
Readback Accuracy Voltage	0.04 percent + 10 mV
Readback Accuracy Current	0.1 percent + 10 mA
Low Range Current Accuracy	0.1 percent + 4 mA
Load Transient Settling Band	150 mV
Load Transient Recovery Time	less than 1 ms
Programming Resolution Voltage Remote	4 mV
Programming Resolution Current Remote	3 mA
Readback Resolution Voltage Remote	2 mV

PARAMETER	VALUE
Readback Resolution Current Remote	2 mA
Normal Mode Current Noise	less than 1 mA _{rms}
Command Processing Time	less than 10 ms
Remote Interfaces Standard	USB and LAN LXI
GPIO Interface Path	optional user-installable module
Display	4.3 inch LCD color
Temperature Rating Output	0 to 40 C for stated ratings

Notes
From Keysight E36150 Series Autoranging Bench DC Power Supply datasheet model column E36155A. Peak power duration limits belong on the operating guide faceplate limits.

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 15, 2026

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