

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E36155A

Keysight Agilent E36155A Autoranging Bench DC Power Supply 60 V 40 A 800 W The Keysight E36155A is the 60 V / 40 A member of the E36150 Series autoranging single-output bench DC power supplies rated 800 W. OEM E36150 datasheet rates peak power handling to 2400 W class, USB/LAN standard interfaces, and optional GPIB. High-power benchtop bias, reliability aging, and autoranging DUT characterization up to 800 W continuous. Autoranging architecture for flexible V/I combinations within 800 W The Keysight E36155A is the 60 V / 40 A member of the E36150 Series autoranging single-output bench DC power supplies rated 800 W. OEM E36150 datasheet rates peak power handling to 2400 W class, USB/LAN standard interfaces, and optional GPIB. High-power benchtop bias, reliability aging, and autoranging DUT characterization up to 800 W continuous. Autoranging architecture for flexible V/I combinations within 800 W Peak power handling up to three times rated power for short bursts



MODEL

**Agilent / Keysight
E36155A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E36155A

LISTING

<https://aumictechlabs.com/products/e36155a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E36155A is an 800 W autoranging DC benchtop power supply engineered for precision testing, design validation, and quality assurance. This single-output instrument delivers 0–60 V and 0–40 A with programmable voltage and current control, supported by tight accuracy specs and advanced protection. Autoranging capability maximizes power delivery across the full

voltage-current envelope, while peak power handling up to 2400 W accommodates transient load spikes and inrush currents.

Technical Specifications

Output Characteristics Power: 800 W nominal; 2400 W peak transient capability Voltage Range: 0–60 V Current Range: 0–40 A Programming Accuracy: $\pm 0.03\% + 10 \text{ mV}$ (voltage); $\pm 0.1\% + 10 \text{ mA}$ (current) Readback Accuracy: $\pm 0.03\% + 10 \text{ mV}$ (voltage); $\pm 0.1\% + 10 \text{ mA}$ (current) Line Regulation: $< 0.01\% + 2 \text{ mV}$ (voltage); $< 0.1\% + 2 \text{ mA}$ (current) Load Regulation: $< 0.01\% + 2 \text{ mV}$ (voltage); $< 0.1\% + 2 \text{ mA}$ (current) Output Quality Ripple and Noise (20 Hz–10 MHz): $< 50 \text{ mV p-p}$ Ripple and Noise (20 Hz–20 MHz): $< 75 \text{ mV}$ Ripple and Noise (RMS): $< 5 \text{ mV rms}$ Remote Sensing: 2-wire and 4-wire modes supported Low-Current Measurement: μA resolution capability Input Power AC Input: 100–230 VAC, single-phase 3-wire, $\pm 11 \text{ V}$, 47–63 Hz Fusing: 6.3 A @ 230 V (P/N 2110-0623); 10 A @ 115 V (P/N 2110-0624)

Key Features Adjustable voltage slew rate for soft-start and inrush current control Output sequencing with input/output trigger synchronization Over-voltage, over-current, and over-temperature protection Built-in data logging with front USB host connectivity Voltage and current trace measurement LIST mode for predefined output sequences Optional arbitrary waveform generation via E36150ADVU upgrade Optional scope view analysis via E36150ADVU upgrade

Typical Applications Research and development, device characterization, power converter validation, supply chain testing, and manufacturing quality assurance across electronics, automotive, and industrial sectors.

E36155A 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
GPIB 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.