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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight E36154AGV

Aumictech offers NIST-traceable calibration and repair for the Agilent / Keysight E36154AGV. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. This Agilent / Keysight E36154AGV is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units. NIST-traceable calibration for the Agilent / Keysight E36154AGV is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →



MODEL

**Agilent / Keysight
E36154AGV**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E36154AGV

LISTING

<https://aumictechlabs.com/products/e36154agv-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight E36154AGV is a single-output DC power supply bundle engineered for dynamic device characterization in research, development, and manufacturing environments. This 800 W unit delivers 0–30 V and 0–80 A with auto-ranging capability and peak power handling up to 2400 W for transient start-up surge currents. The integrated E36150ADVU module adds Scope View and arbitrary waveform generation (AWG), enabling real-time observation of voltage and current transients, load pulse behavior, and rise-time analysis. Precision 4-wire remote sensing, excellent line/load regulation, and adjustable voltage slew rate ensure accurate output control. Microamp-

resolution current measurement supports characterization of low-power circuits. The 4.3-inch color LCD display and programmable interface (LAN/LXI, USB, optional GPIB) streamline system integration. Over-voltage, over-current, and over-temperature protection safeguard test setups. Scope View captures up to 256K samples at 100 kHz. AWG supports 512 setpoints with sine, step, ramp, staircase, pulse, trapezoid, and exponential waveforms. Digital I/O triggers enable output sequencing and multi-device synchronization. Built-in data logging via front USB host and smart fan speed control minimize setup complexity and acoustic noise. The 3U half-rack form factor fits laboratory and production benches, with detachable high-current front binding posts for safe operator access. Input: 100–230 VAC. Calibration interval: 12 months.

E36154AGV Characteristics / Specifications

PARAMETER	VALUE
Model	E36154A
Series	E36150
Instrument Type	Autoranging single-output bench DC power supply
Dc Output Voltage	0 to 30 V
Dc Output Current	0 to 80 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 + 6 mV
Programming Accuracy Current	0.1 percent + 20 mA
Readback Accuracy Voltage	0.04 percent + 6 mV
Readback Accuracy Current	0.1 percent + 20 mA
Low Range Current Accuracy	0.1 percent + 5 mA
Load Transient Settling Band	75 mV
Load Transient Recovery Time	less than 1 ms
Programming Resolution Voltage Remote	2 mV
Programming Resolution Current Remote	5 mA
Readback Resolution Voltage Remote	1 mV
Readback Resolution Current Remote	3 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	E36154A
Series	E36150
Instrument Type	Autoranging single-output bench DC power supply
Dc Output Voltage	0 to 30 V
Dc Output Current	0 to 80 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 + 6 mV
Programming Accuracy Current	0.1 percent + 20 mA
Readback Accuracy Voltage	0.04 percent + 6 mV
Readback Accuracy Current	0.1 percent + 20 mA
Low Range Current Accuracy	0.1 percent + 5 mA
Load Transient Settling Band	75 mV
Load Transient Recovery Time	less than 1 ms
Programming Resolution Voltage Remote	2 mV
Programming Resolution Current Remote	5 mA
Readback Resolution Voltage Remote	1 mV

PARAMETER	VALUE
Readback Resolution Current Remote	3 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 E36154A.

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>

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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.