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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight EDU36311A

Agilent Keysight EDU36311A Triple Output Bench Power Supply The Keysight EDU36311A is a 90 W triple-output education/benchtop DC power supply with one 0 to 6 V / 5 A channel and two 0 to 30 V / 1 A channels. OEM EDU36311A data sheets list USB/LAN control and a 7-inch color WVGA display. Education labs, triple-rail bench power, and basic automated DC bias with PathWave BenchVue support. Load Regulation Voltage: less than 0.01 percent + 2 mV The Keysight EDU36311A is a 90 W triple-output education/benchtop DC power supply with one 0 to 6 V / 5 A channel and two 0 to 30 V / 1 A channels. OEM EDU36311A data sheets list USB/LAN control and a 7-inch color WVGA display. Education labs, triple-rail bench power, and basic automated DC bias with PathWave BenchVue support. Load Regulation Voltage: less than 0.01 percent + 2 mV Load Regulation Current: less than 0.2 percent + 10 mA



MODEL

**Agilent / Keysight
EDU36311A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

EDU36311A

LISTING

<https://aumictechlabs.com/products/edu36311a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight EDU36311A is a 90 W triple-output DC power supply engineered for educational and laboratory environments. It delivers three independent, electrically isolated channels with configurable voltage and current outputs, supported by a 7-inch WVGA color display for real-time monitoring. The instrument combines intuitive front-panel controls - individual knobs for voltage and current adjustment, numeric keypad entry, and soft keys - with modern connectivity via USB

and LAN (LXI Core) interfaces, enabling remote operation through PathWave BenchVue software.

Technical Specifications

Output Configuration

Output 1: 0–6 V, 0–5 A
Output 2: 0–30 V, 0–1 A
Output 3: 0–30 V, 0–1 A

Performance

Ripple and noise: < 1 mVrms typical (Output 1); < 350 μ Vrms typical (Output 2); < 1 mVrms / 5 mVpp typical (Output 3)
Voltage accuracy: 0.05% + 10 mV (programming and readback)
Line regulation: 0.01%
Load regulation: 0.01%

Input Power 115 VAC ($\pm$ 10% mains fluctuation maximum)

Key Features

- Three electrically isolated outputs supporting series and parallel interconnection
- Dual protection: Over-voltage (OVP), over-current (OCP), and over-temperature (OTP)
- Bench-top configuration with USB 2.0 port and rear-panel protective earth terminal
- Data logging and remote control via PathWave BenchVue software
- LXI Core compliance for networked laboratory integration

Typical Applications

Multi-rail power delivery for analog/mixed-signal circuit development, educational electronics labs, and multi-device test benches requiring independent voltage/current control per channel.

Compatibility & Integration

USB connectivity supports FAT32-formatted external drives (up to 32 GB). LAN interface enables headless operation and data acquisition through standard laboratory information systems.

EDU36311A Characteristics / Specifications

PARAMETER	VALUE
Model	EDU36311A
Power Output	90 W
Output 1 Voltage	0 to 6 V
Output 1 Current	0 to 5 A
Output 2 Voltage	0 to 30 V
Output 2 Current	0 to 1 A
Output 3 Voltage	0 to 30 V
Output 3 Current	0 to 1 A
Load Regulation Voltage	less than 0.01 percent + 2 mV
Load Regulation Current	less than 0.2 percent + 10 mA
Line Regulation Voltage	less than 0.01 percent + 2 mV
Line Regulation Current	less than 0.2 percent + 10 mA
Programming Accuracy Voltage Output	0.1 percent + 5 mV
Programming Accuracy Voltage Outputs 2 And	0.05 percent + 10 mV
Programming Accuracy Current Output	0.1 percent + 10 mA
Programming Accuracy Current Outputs 2 And	0.2 percent + 5 mA
Output Ripple Noise Voltage	less than 1 mVrms / 5 mVpp (20 Hz to 20 MHz)
Output Ripple Noise Current	less than 4 mArms
Load Transient Settling Band	15 mV
Load Transient Recovery Time	less than 50 us
Remote Interfaces	USB LAN
Display	7 inch color WVGA
Series Family	EDU bench power
Brand Lineage	Agilent / Keysight

EDU36311A Specifications

PARAMETER	VALUE
Triple electrically isolated outputs	90 W total power envelope
Technical Specifications	Model: EDU36311A
Notes	From Keysight EDU36311A Triple Output Bench Power Supply data sheet.

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	EDU36311A
Power Output	90 W
Output 1 Voltage	0 to 6 V
Output 1 Current	0 to 5 A
Output 2 Voltage	0 to 30 V
Output 2 Current	0 to 1 A
Output 3 Voltage	0 to 30 V
Output 3 Current	0 to 1 A
Load Regulation Voltage	less than 0.01 percent + 2 mV
Load Regulation Current	less than 0.2 percent + 10 mA
Line Regulation Voltage	less than 0.01 percent + 2 mV
Line Regulation Current	less than 0.2 percent + 10 mA
Programming Accuracy Voltage Output 1	0.1 percent + 5 mV
Programming Accuracy Voltage Outputs 2 And 3	0.05 percent + 10 mV
Programming Accuracy Current Output 1	0.1 percent + 10 mA
Programming Accuracy Current Outputs 2 And 3	0.2 percent + 5 mA
Output Ripple Noise Voltage	less than 1 mVrms / 5 mVpp (20 Hz to 20 MHz)
Output Ripple Noise Current	less than 4 mA rms
Load Transient Settling Band	15 mV
Load Transient Recovery Time	less than 50 us
Remote Interfaces	USB LAN
Display	7 inch color WVGA
Series Family	EDU bench power
Brand Lineage	Agilent / Keysight

Notes

From Keysight EDU36311A Triple Output Bench Power Supply data sheet.

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