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EDU36311A Smart Bench Essentials DC Power Supply

A smart power supply for smarter designs

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Share your story to win a complete set of Smart Bench Essentials instruments!

Learn more about the Smart Bench Essentials Challenge contest.

Learn More

Highlights   Specifications   Options and Upgrades   Software, Accessories, Services   Resources

HIGHLIGHTS

Power Your Designs with Confidence

The compact Keysight EDU36311A triple-output power supply fits anywhere on your bench. You can view its sizeable 7-inch color display and monitor all outputs simultaneously from any angle. Each output is independent — connect your outputs in series for higher voltage, in parallel for additional current, or stack them to provide 0 to ±30 V. A sequencing feature enables and disables outputs in a set pattern to power up control logic before powering the rest of your design.

- achieve ripple and noise at < 350 μVrms for low noise output
- experience accurate current and voltage control with excellent programming and readback
- measure with confidence using exceptional line and load regulation for a stable output

- save configurations for repeat test setups with the USB flash drive
- simplify connectivity with USB and LAN (LXI Core)
- get Keysight PathWave BenchVue power supply software for remote control and data logging — included with purchase

KEYSIGHTCARE

SMART BENCH ESSENTIALS SERIES

The EDU36311A smart bench essentials triple-output DC power supply is part of a family of four professional-grade instruments, including a digital multimeter, power supply, function generator, and oscilloscope. You also get a powerful remote connectivity software and KeysightCare 24/7 technical support. The PathWave software enables you to harness the power of 4 instruments in a single software interface. The easy setup provides quick control of your test hardware.

The smart bench essentials family comes with intuitive lab tools to track and manage the maintenance schedule to ensure all instruments are up to date. Test, analyze, and

share results collaboratively — across the room or the world.

Solution Brief

KEY SPECIFICATIONS

Number of Outputs	Total Power	Ripple and Noise
3 independent	90 W	<1 mVrms

Accuracy	Modern Connectivity
0.05% +10 mV	USB and LAN (LXI Core)

Want to see more specifications?

SIMPLIFY DATA GATHERING AND ANALYSIS

Keysight PathWave BenchVue power supply PC software makes it simple to connect, capture, and control Keysight power supplies without additional programming.

- easy to log data, screenshots, and system status
- replicate and save instrument configurations to repeat results
- quick export of measurement data in the desired format

Check out the PathWave BenchVue Software

ACCELERATE THE WIN WITH TECHNICAL SUPPORT

The smart bench essential instruments include KeysightCare support. You will have access to Keysight technical experts and a 24/7 knowledge center to help you get up to speed in the shortest time.

What is included?

- 2-business-day technical response
- online knowledge center
- self-service web portal

Find out more About KeysightCare

Interested in a EDU36311A Triple-Output Programmable Power Supply?

View Options and Upgrades ➔

See Buy or Rent Options ➔

EXTEND THE CAPABILITIES OF YOUR EDU36311A BENCH POWER SUPPLY

Software

See Related Software

Accessories

See Related Accessories

Services

KeysightCare Service and Support ›
Calibration Services ›
Education Services ›
Technology Refresh Services ›
Financial Services ›

See All Services

Support

Resources ›
Drivers, Firmware & Software ›

Calibration and Repair ›
Training and Events ›

See All Support

FEATURED RESOURCES

Data Sheets	2019.11.13

E36300 Series Triple Output Bench Power Supply

eBooks	2018.05.02

Build Your Power Supply Skill Set

eBooks	2018.08.27

Build Your Power Supply Skill Set – Part 2

eBooks	2018.10.20

Achieve More with a Multiple Output Power Supply

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