

Product Datasheet - Technical Specifications



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Your contact

Technical and commercial sales, price information,
quotations, demo/test equipment, consulting:

Tel.: **+49 - (0)81 41 - 52 71-0**

FAX: **+49 - (0)81 41 - 52 71-129**

E-Mail: sales@meilhaus.com

Meilhaus Electronic GmbH
Am Sonnenlicht 2
82239 Alling/Germany

Tel. **+49 - (0)81 41 - 52 71-0**
Fax **+49 - (0)81 41 - 52 71-129**
E-Mail sales@meilhaus.com

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Save Up to 10% on E36150 Series Value Bundles

A complete one-box test solution for all your benchtop needs



One-box Test Solution

The advance/professional power bundle is a complete turn-key solution that lets you emulate the normal and abnormal behaviors of your power subsystems early in the design stage by controlling multiple power supply voltage sequences, measuring wide dynamic ranges of current, and varying power supply voltage speed to reflect actual circuit characteristics and log current drain over extended periods. The one-box solution reduces testing cost, space, setup/integration time, and complexity.

What's in the Bundle?

800W DC Bench Power Supply



E36154A/E36155A

The Keysight E36150 Series Autoranging benchtop DC power supply features two models with 800W power on a single channel output with autoranging capability.

- Prioritizes safety with multiple built-in protection mechanisms & an IEC61010-compliant detachable high-current front binding post.
- Accommodate start-up power surge requirements from electromechanical and high capacitance devices under test (DUT).
- Offer precise output, minimal noise, and superior load/line regulation.

Advanced Arbitrary Waveform Generator & Scope Capability



E36150ADVU

The E36150 Series provides advanced characterization and power simulation capabilities like Scope View and arbitrary waveform generator (AWG).

- Modulate DC power output where each point in the waveform is programmable and can be defined precisely.
- Perform advanced characterization without any test compromise, and gain next-level insights on the output.
- Reduce test setup time, complexity, and cost without needing external instruments, current shunts, and probes.

Advanced Power Control & Analysis Software



BV9200B/BV9201B

Keysight BV9200B / BV9201B BenchVue Advanced Power Control and Analysis software enables remote PC control and advanced analysis without any programming

- Track, record, and analyze your power supply outputs.
- Configure up to three modes of analysis: Scope (short-term waveform capture), Data logger (long-term waveform capture), and CCDF (statistical analysis).
- Create complex waveforms to simulate or load down a DUT by inputting a formula, choosing from built-in, or importing waveform data.

Save More with these Value Bundles

Wait no longer and take advantage of this limited-time value bundle today to save up to 10%.

Bundle options	E36150 Series	E36150ADVU	Pathwave BenchVue	Total savings
E36154/E36155AGV Good Value Bundle	E36154A ¹ or E36155A ²	E36150ADVU	--	Up to 3.5%
E36154/E36155ABV Better Value Bundle	E36154A ¹ or E36155A ²	E36150ADVU	BV9200B ³ or BV9201B ⁴	Up to 10%

Notes:

1. E36154A - 800W Autoranging Benchtop Power Supply, 30V, 80A
2. E36155A - 800W Autoranging Benchtop Power Supply, 60V, 40A
3. BV9200B - PathWave BenchVue Advanced Power Control and Analysis for Multiple Instrument Connections 12-month subscriptions, node-locked license
4. BV9201B - PathWave BenchVue Advanced Power Control and Analysis 12-month subscription, node-locked license

Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation, and test challenges to create the best product experiences. Start your innovation journey at www.keysight.com.




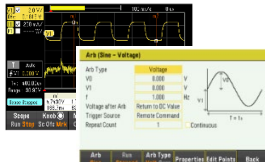

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E36150 Series Bench Power Supply Value Bundles

Save up to 10% with these value bundles

Step 1

Choose from these four bundle types that best fit your measurement application.

Bundle model	Bundle components		
	Instrument	Upgrade option	Advanced PC software
			
1. E36154AGV	E36154A (30V, 80A, 800W)	E36150ADVU (Scope View and AWG)	-
2. E36155AGV	E36155A (60V, 40A, 800W)	E36150ADVU (Scope View and AWG)	-
3. E36154ABV	E36154A (30V, 80A, 800W)	E36150ADVU (Scope View and AWG)	CHOOSE either BV9200B (up to four instrument connections) OR BV9201B (Single instrument connection)
4. E36155ABV	E36155A (60V, 40A, 800W)	E36150ADVU (Scope View and AWG)	CHOOSE either BV9200B (up to four instrument connections) OR BV9201B (Single instrument connection)

Step 2

Select the AC power cord and input voltage option suitable for your country destination.

AC power cord

AC power cord	Select your country destination
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Input voltage

Option 0E3	AC 230V single-phase 3-wire. 230 VAC +/- 23V operation, 47 to 63 Hz
Option 0E9	AC 100V single-phase 3-wire. 100 VAC +/- 10V operation, 47 to 63 Hz
Option 0EM	AC 115V single-phase 3-wire. 115 VAC +/- 11V operation, 47 to 63 Hz

Step 3

Select a BenchVue Advanced Power Control and Analysis license. A selection of a license type for either **BV9200B** (up to four instrument connections) or **BV9201B** (single instrument connection) is **MANDATORY** for the better value bundles **E36154ABV** and **E36155ABV**.

BenchVue advanced power control and analysis	License term	License type	Subscription duration
BV9200B	Subscription	Select a license type option: <ul style="list-style-type: none">• Node-locked• Floating• Transportable• USB portable	Select a duration option: <ul style="list-style-type: none">• 6 months• 12 months• 24 months• 36 months
BV9201B	Subscription	Select a license type option: <ul style="list-style-type: none">• Node-locked• Floating• Transportable• USB portable	Select a duration option: <ul style="list-style-type: none">• 6 months• 12 months• 24 months• 36 months

Step 4

Additional available options can be added and ordered together with the bundles.

Additional available options

Option SEC	NISPOM and file security (pre-installed)
Option UK6	Commercial calibration certificate with test date
Option 1A7	ISO17025 cal with uncertainty
E363GPBU	GPIO interface module (user installable)

Step 5

Additional available services and support options can be added and ordered together with the bundles.

Additional services and support options

R-55D-001-5ZU	KeysightCare technical support – Upgrade to 5 years
R-51B-001-5Z	Extended warranty – return to Keysight – 5 years
R-50C-011-3	Calibration plan – return to Keysight – 3 years
R-50C-011-5	Calibration plan – return to Keysight – 5 years