

BK PRECISION

New Products Catalog 2025



Modular DC Power

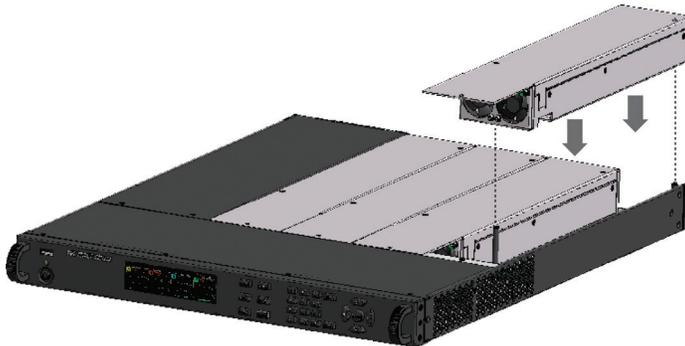
MPS Series Modular System DC Power Supplies



The MPS Series Modular System DC Power Supplies provide up to four output channels and 1200 W in a compact 1U form factor. Select from eight modules with various voltage and current ratings to create a 1 to 4 channel DC power supply ideal for ATE system applications.

Modules are capable of outputting 100 W (multi-range) or 300 W (fixed range) to meet different power requirements. Populate mainframes with any combination of modules to deliver a total output power of 600 W or 1200 W depending on the model.

Modular Design



The MPS Series modular design provides test engineers and system integrators a selection of 8 available modules to meet specific DC power requirements. Any combination of up to 4 modules can be installed in the available 600 W or 1200 W mainframes. Modules are interchangeable and the mainframe guideposts combined with engineered mating pins ensure a secure fit into mainframe slots. Featuring an included rack-mount kit, the compact 1U form factor is ideal for ATE system applications.

Key Features

- Compact size supports up to four outputs in a 1U form factor
- Modular design
- Multi-ranging operation
- Low output ripple & noise
- Multi-ranging operation delivers rated power at multiple voltage/current combinations
- Advanced list mode programming
- Series/parallel operation increases maximum voltage/current output to 400 V or 80 A (depending on model)
- LabVIEW™, IVI-C, IVI.NET drivers provided
- cTUVus certification

Applications

The MPS Series is a comprehensive ATE system solution in R&D, production test, and manufacturing operations requiring multiple outputs. The low-profile, modular design offers increased throughput for repetitive testing and validation applications.

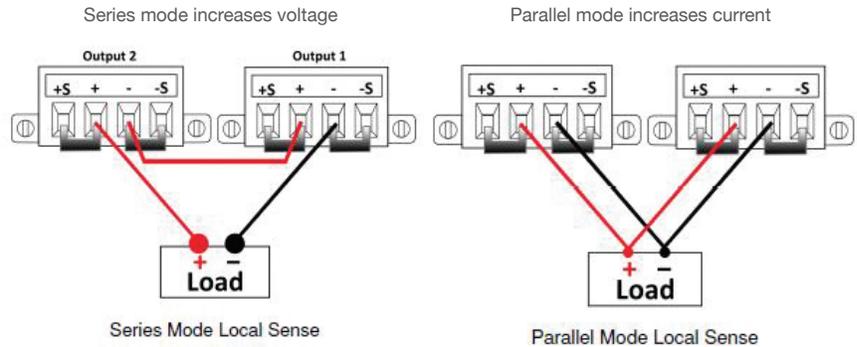
	100 W Modules				300 W Modules			
Model	MPS1101	MPS1102	MPS1103	MPS1104	MPS1301	MPS1302	MPS1303	MPS1304
Rated Voltage	15 V	32 V	60 V	100 V	15 V	32 V	60 V	100 V
Rated Current	20 A	9.5 A	5 A	3 A	20 A	9.5 A	5 A	3 A
Ranging	Multi-range (autoranging)				Fixed range			

	Mainframe	
Model	MPS1000	MPS1001
Total Available Power	600 W	1200 W
Number of Slots	4	
Form Factor	1U	

MPS Series Modular System DC Power Supplies

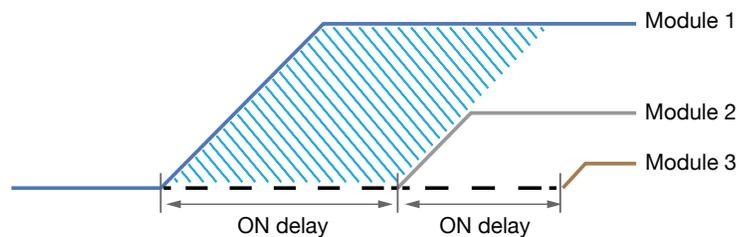
Series/Parallel Operation

Identical modules can be combined in series/parallel to increase the maximum voltage/current output to 400 V or 80 A. When series/parallel operation is enabled, the display automatically adjusts for increased voltage/current limits.



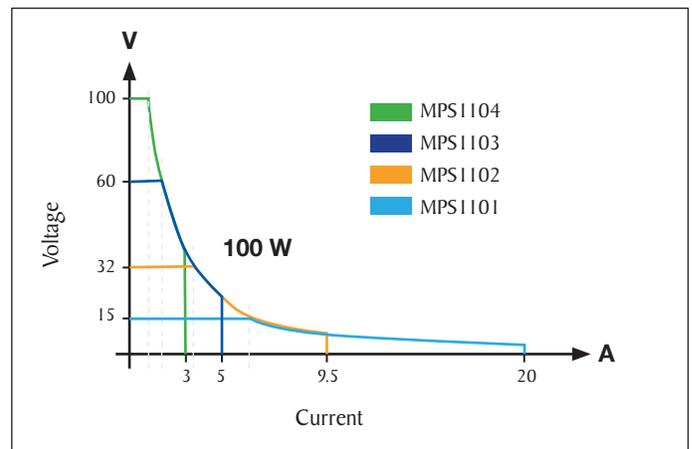
Channel Coupling and Output Sequencing

The MPS Series' coupling mode, output delays, and slew rate can be configured to execute precise startup power sequences.



Multi-Range Power

Traditional power supplies only output their rated power at one voltage/current point. The MPS Series 100 W multi-range modules extend the rated power from one point to a curve, delivering the rated power at a wider range for voltage/current combinations.



Intuitive List Mode Editing

Each list mode program contains up to 512 user programmable steps. Save up to 10 list mode programs directly to internal memory for quick recall. List mode programs can be configured and run from the front panel or remotely using the provided application software.

List ▶ Edit							
List Number	01	Next	00	Repeat	000000	Steps	
Step	Voltage	Current	BOST	EOST	Dwell		
1	12.000	1.400			4.5		
2	15.000	1.200			1.8		
3	32.000	1.000	X		5.0		
[Channel] -Add step						[Vset] -Delete Step	[Iset] -Clear all

DC Power

9140 Series Triple Output Multi-Range DC Power Supplies



Output **100 W** per Channel
or **300 W** Combined



The 9140 Series triple output multi-range DC power supplies combine industry-leading power density and performance with an extensive set of features in a compact 2U form factor. Three isolated output channels each produce 100 W of clean power with low ripple and noise characteristics. Combine channels for up to 300 W total output power.

Key Features

- Three isolated output channels
- Compact 2U form factor
- Multi-ranging operation
- Low output ripple & noise
- Overvoltage (OVP), overcurrent (OCP), and overtemperature (OTP) protections
- Series/Parallel operation
- Front panel USB data logging
- LabVIEW™, IVI-C, IVI.NET drivers provided
- cTUVus certification

Powerful List Mode

Highly-configurable and intuitive list editing ...

Step	Voltage	Current	BOST	EOST	Dwell
1	2.000	0.150	X		5.0
2	50.000	0.500			5.0
3	45.000	0.550		X	5.0
4	40.000	0.600			3.0
5	35.000	0.700	X		4.0
6	32.000	0.800			5.0



Run on multiple channels simultaneously.

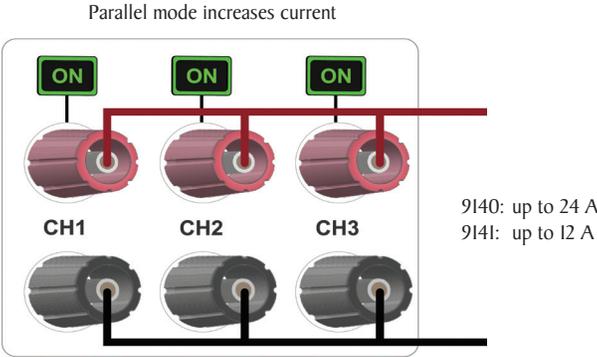
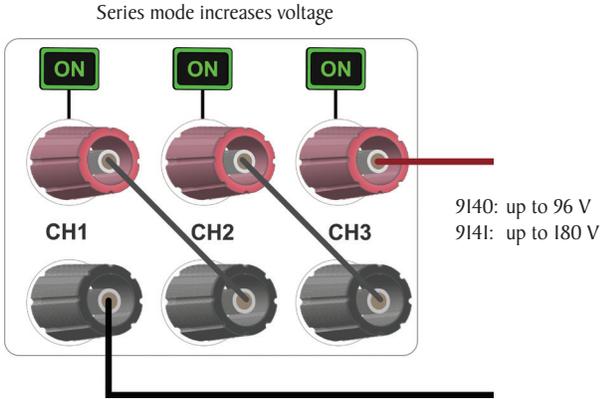
Model	9140 / 9140-GPIB	9141 / 9141-GPIB
Voltage per Channel	32 V	60 V
Current per Channel	8 A	4 A
Max. Output Power	100 W per channel (300 W combined)	

Applications

Benchtop or rackmount applications requiring multiple outputs, precise test sequence generation, and other applications benefiting from a flexible power range delivered in a lightweight, compact package.

Series and parallel operation

Combine two or all three channels in series or parallel to increase voltage or current.



9240 Series Multi-Range DC Power Supplies



Key Features

- Isolated and floating output with front panel sense
- Up to 120 W or 200 W of multi-range power in compact 2U
- Dedicated battery charge function
- Advanced list mode programming
- LED test mode
- Direct data logging to USB flash drive
- Overvoltage (OVP), overcurrent (OCP), overtemperature (OTP) protection, and key-lock function
- LabVIEW™, IVI-C, IVI.NET drivers provided
- cTUVus certification

The 9240 Series sets a new standard for general purpose DC power supplies by including many features and capabilities found in high performance instruments as standard.

Applications

The easy-to-use interface combined with advanced list programming, battery charge mode, and data logging serve a wide range of applications including production test, R&D, electronic service, and education.

Model	9240	9241	9242
Voltage Range	0 to 32 V	0 to 60 V	0 to 60 V
Current Range	0 to 8 A	0 to 4 A	0 to 10 A
Max. Output Power	120 W		200 W

DC Electronic Loads

HVL Series High Voltage DC Electronic Loads



Features & Benefits

- High power density up to 6 kW in a 5U form factor
- CC/CV/CR/CW operating modes
- Continuous, pulse, and toggle transient operation
- Transient mode speed up to 10 kHz in CC mode
- Thermostatically-controlled fans for quiet operation
- Advanced list mode programming
- Adjustable loop response speed
- Overvoltage (OVP), overcurrent (OCP), overpower (OPP) protection, reverse voltage, and key lock function
- Short-circuit test
- Adjustable voltage/current slew rate
- Soft start function to prevent sudden voltage/current spikes
- Oscillation protection
- Front panel USB host port for logging measurement data
- Save/recall instrument settings to internal memory
- External analog control and monitoring
- Operating software and battery test software provided
- 4.3-inch LCD screen
- USB, LAN, RS232, and GPIB interfaces standard
- LabVIEW™ driver provided
- Remote sense
- Rack-mount brackets with handles included
- cTUVus certification mark fulfills CSA and UL safety standards

HVL Series High Voltage DC Electronic Loads

The HVL Series DC electronic loads offer a wide operating voltage up to 1000 V and high power density providing 6 kW in a 5U form factor. Suitable for ATE system applications, this series supports a variety of dynamic loading conditions for evaluating DC-DC converters, batteries, battery chargers, photovoltaic arrays, and other high power DC sources.

In addition to CC/CV/CR/CW operating modes, the HVL Series features continuous, pulse, and toggle transient operations to precisely switch between two load levels. Advanced list mode programming makes it easy to set up and execute complex load sequences from the front panel. For applications requiring more power, up to 10 identical HVL Series models can be combined in parallel to increase total sink capabilities to 60 kW.

Operating software provides remote instrument control and monitoring from a PC. Separate battery test software simplifies battery discharge testing with data logging. Built-in remote PC interfaces include USB (USBTMC-compliant), LAN, RS232, and GPIB supporting SCPI commands. The front panel USB host port enables data logging directly to a connected flash drive.

Special applications

The HVL Series wide operating voltage range and high power capabilities make it a comprehensive solution for electric vehicle (EV) batteries, on-board EV charger, and charging station test applications.

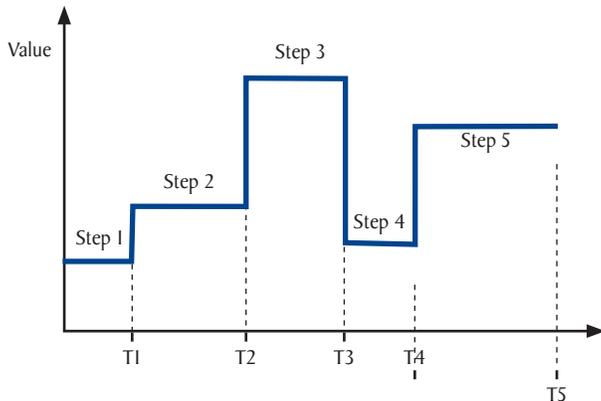
Power	3 kW			6 kW		
Model	HVL600150	HVL80075	HVL100025	HVL600300	HVL800150	HVL100050
Maximum Voltage	600 V	800 V	1000 V	600 V	800 V	1000 V
Maximum Current	150 A	75 A	25 A	300 A	150 A	50 A
Form Factor	3U			5U		

DC Electronic Loads

HVL Series Operation Highlights

Advanced list mode

The HVL Series list mode is highly configurable for generating precise load sequences.



Each list mode program contains up to 100 user programmable steps. Save up to 10 list mode programs directly to internal memory for quick recall. Step parameters include level value, step duration, and step triggers. List mode programs can be set to repeat a maximum of 100,000 times. BOST / EOST (Beginning / End of step Trigger) can be enabled for any step in the list to generate output triggers for synchronizing events with other externally connected instruments. List mode programs can be configured and run from the front panel or remotely using the provided application software.

Step	(I/V/P/R)-Set	BOST	EOST	Dwell
1	2.000		X	3.0
2	2.000		X	3.0
3	2.000		X	3.0

List mode configuration menu

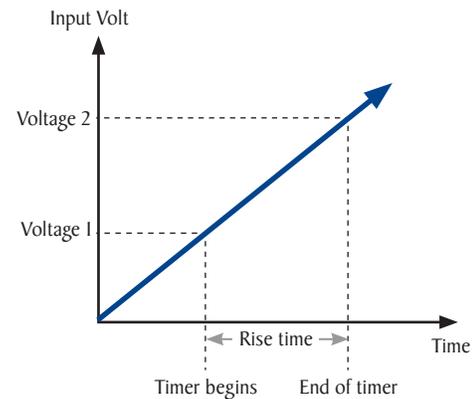
Direct data logging

Parameter	Value
Sampling Interval(Sec)	0.2
File Path	Usbdrive/
Timestamp Filename	Enable
Log Data	All
Status Code	Enable
Trigger Source	Manual
Max Recording Time	~ 200 day 4 hour 14 min

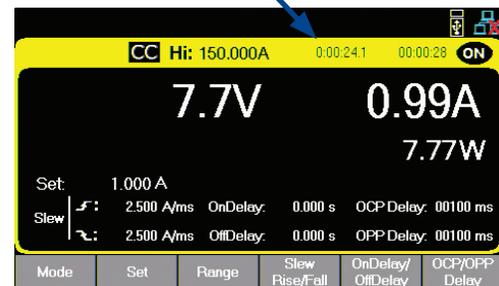
Log voltage, current, or both at a user-defined sampling interval adjustable from 0.2 seconds to 5 minutes directly to an external USB flash drive. Data points are saved as a CSV file with date and time stamp.

Rise and fall time measurement

The HVL Series can measure the rise or fall time from a specified start and stop voltage level of the measured input without the need for an external oscilloscope. The figure below illustrates how rise time is measured based on the two user-configured voltages.

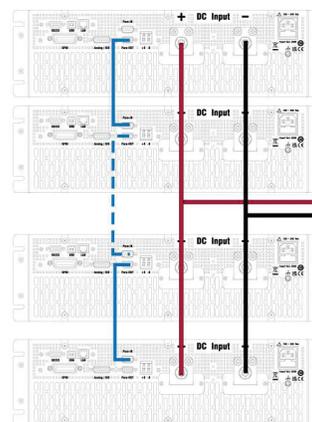


The resulting rise/fall time measurement is displayed on screen with 0.1 s resolution.



Parallel operation

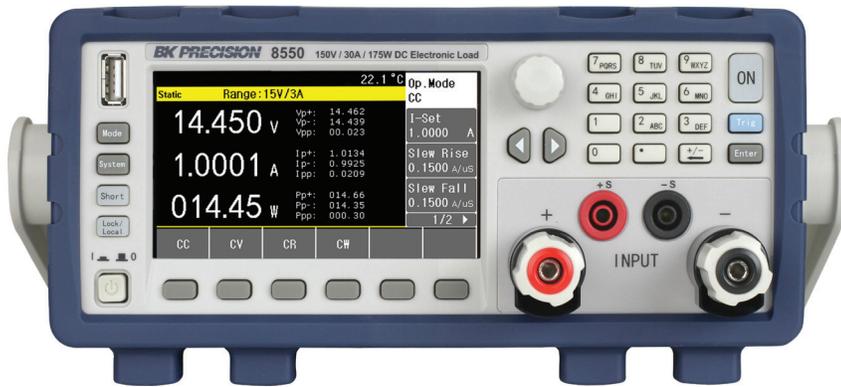
For applications requiring more power, up to 10 identical HVL Series DC load models can be connected in parallel to increase the maximum sink power to 60 kW. Once configured, the connected units will display voltage and current of the complete system.



Sink up to 60 kW with 10 instruments connected in parallel.

DC Electronic Loads

8550 Series Programmable DC Electronic Loads

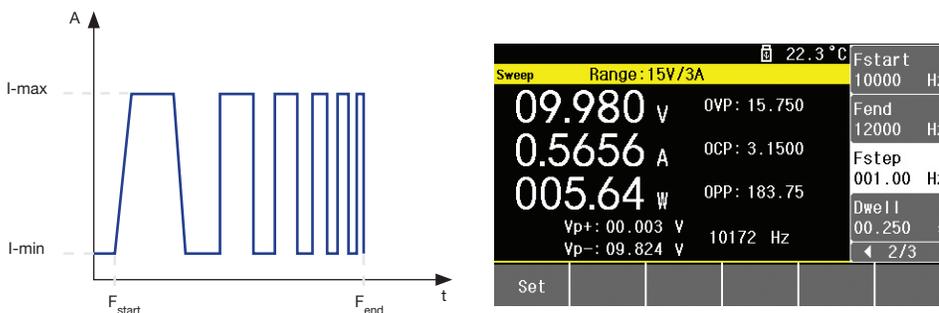


The 8550 Series DC electronic loads provide many features and capabilities typically found in performance instruments, at a value price. Capable of sinking 350 W in a compact benchtop form factor, this series is well equipped for testing and evaluating power supplies, DC-DC converters, batteries, battery chargers, and photovoltaic arrays.

Static operating modes include constant current (CC), constant voltage (CV), constant resistance (CR), and constant power (CW). Configurable list, transient, and automatic test modes offer dynamically changing load conditions for evaluating a variety of DC sources. Additionally, the dedicated battery discharge mode simplifies battery testing with configurable stop conditions. Load behavior can be triggered internally, externally, or remotely.

Sweep mode

Offers a simple way to capture overshoot and undershoot of a power supply by applying two configurable load levels at a swept frequency. The resulting maximum overshoot (Vp+) and maximum undershoot (Vp-) are displayed in real time at the frequencies of occurrence.



Model	8550	8551
Power	175 W	350 W
Rated Voltage	150 V	150 V
Rated Current	30 A	60 A



Key Features

- High power density, up to 350 W in compact 2U half-rack form factor
- Transient mode up to 20 kHz in CC mode
- CC/CV/CR/CW operating modes
- Front-panel remote sense terminals
- List mode programming
- Automatic test mode
- Overshoot (OVP), overcurrent (OCP),
- Overpower (OPP) protection, remote reverse voltage (RRV), and key-lock function
- Thermostatically-controlled fans for quiet operation

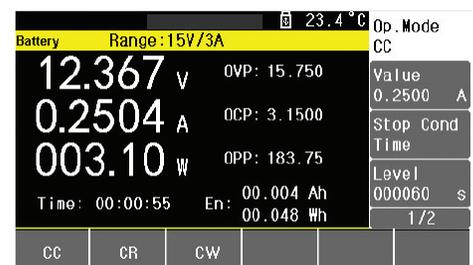
Advanced power supply characterization

The 8550 Series offers several built-in functions for evaluating DC power supplies including:

- Sweep test
- Load regulation test
- Protection limit test

Battery discharge test

Safely discharge batteries with configurable stop conditions including voltage and time. Once a battery discharge test has started, elapsed time is displayed with Amp-hour (Ah) and Watt-hour (Wh) measurements.



9830B Series Programmable AC Sources



Key Features

- AC, DC and AC+DC power source
- 3-Phase capability using 3 AC sources and 3-Phase kit
- Low total harmonic distortion (THD) meets the IEC 61000-3-2 standard
- Comprehensive measurement capabilities: Vrms, Arms, +Apk, -Apk, inrush current, frequency, power factor, apparent power, reactive power, true power and crest factor
- 0.98 power factor at AC input stage
- Built-in standard waveforms: sine, square, clipped sine
- 30 built-in THD waveforms
- Step, List, and Pulse modes for generating power line disturbance (PLD)

The 9830B Series sources are low distortion AC sources delivering a maximum of 3000 VA in a 3U form factor.

3-Phase AC power

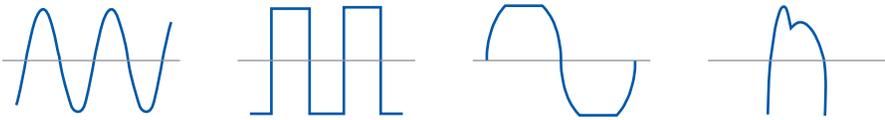


Connect additional units for split, 2 and 3 phase testing.



- Supports 3-phase Y configuration
- Full 0° to 360° phase control
- 45 Hz to 600 Hz operating frequency
- Up to 2000 VA / 3000 VA per phase

Waveform operations

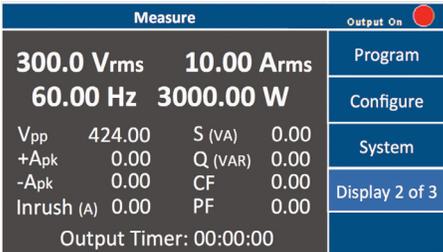


Select sine, square, clipped sine or harmonic distortion waveforms. Set amplitude, frequency and phase.

Applications

- Pre-compliance testing
- Simulate grid faults, voltage sag, frequency, and phase disturbances, according to IEC61000-4-11/14/28/34
- Electromagnetic compatibility (EMC), according to IEC61000-3-2
- Consumer electronics, appliances, industrial controls, avionics
- Evaluate transformers, TRIACs, SCRs, and passive components

Measurement display



All 12 measurements can be displayed simultaneously on a large and bright 4.3" color LCD

Model		9832B	9833B
Max Power		2000 VA	3000 VA
Max Voltage (rms)	AC	150 V / 300 V / Auto	
	DC	± 212 V / ± 424 V	
Max Current (rms)	0 to 150 V	20 A	30 A
	0 to 300 V	10 A	15 A
Frequency Range	Single phase	45 to 1200 Hz	
	3-Phase	45 to 600 Hz	
Load Regulation		≤ 0.1% FS (resistive load)	
Total Harmonic Distortion (THD)		≤ 0.5% at 45 to 400 Hz (resistive load)	
Remote Interfaces		USB (USBTMC-compliant), GPIB, and LAN	

Signal Generators

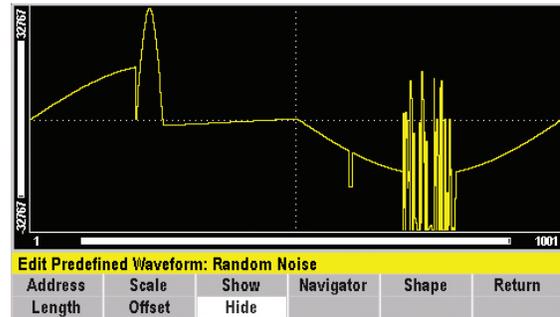
4078C Series Dual Channel Function / Arbitrary Waveform Generators



True Point-by-Point Signal Integrity

The 4075C Series Dual Channel Function/Arbitrary Waveform Generators combine the benefits of DDS and true point-by-point arbitrary architectures without the limitations of either.

Built-in Waveform Editor



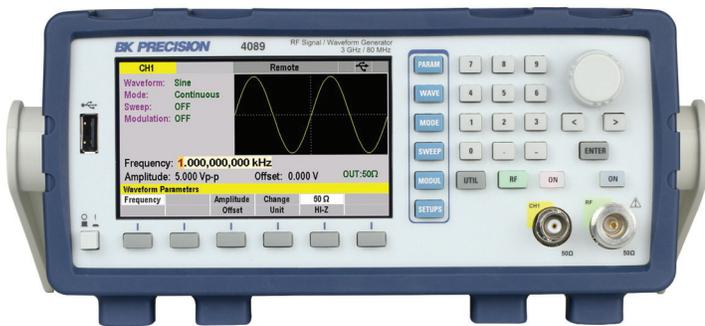
Draw lines, and modify waveforms on a point-by-point basis, or combine aspects from multiple predefined waveforms such as injecting noise into a sine wave.

Key Features

- 16-bit resolution, 250 MSa/s, up to 16 Mpts arbitrary waveform generator
- Clean signals with low jitter < 40 ps and total harmonic distortion < 0.04%
- Internal or external modulation functions: AM, FM, PM, BPSK, and FSK

Model	4078C	4079C/4079C-GPIB
Frequency Range	30 MHz	50 MHz

Models 4088 & 4089 RF Signal / Waveform Generators



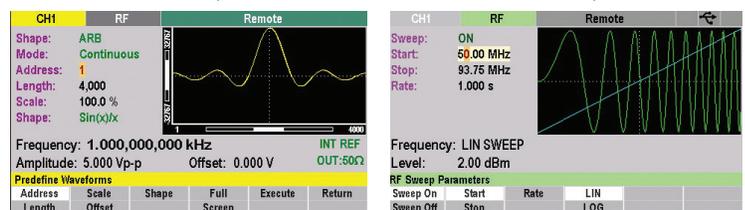
2-in-1 Value

The 4088/4089 generators combine the benefits and capabilities of two separate instruments in one compact 2U form factor to save cost and bench space.

At the press of a button, seamlessly toggle the operating mode between a capable AWG/Function generator or RF signal generator with the ability to output a signal on both channels simultaneously.

Model*	4088	4089
RF Signal Generator		
Frequency Range	50 MHz to 1.5 GHz	50 MHz to 3 GHz
AWG/Function Generator		
Sine and Square Frequency Range	1 μ Hz to 50 MHz	1 μ Hz to 80 MHz
Arbitrary Waveform Length	16 Mpts	32 Mpts

* GPIB option available with model 4089GPIB only

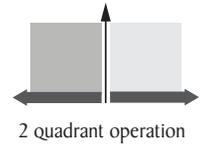


AWG/Function generator output

RF Signal generator output

Battery Test and Digital Multimeters

BCS Series Battery Charger/Simulator and Precision Sources



Key Features

- Source or sink up to 150 W with 2-quadrant operation
- Dual channel and dual range operation (BCS6401 only)
- Perform battery charge, discharge, and simulation tests
- Simulate a rechargeable battery
- Sink current up to 5 A
- Bipolar output
- Variable output impedance

The BCS6401 and BCS6402 battery charger/simulator and precision DC power supplies are optimized for testing batteries and battery-operated devices. Both models feature source/sink capabilities, a bipolar output, and variable output impedance.

Model	BCS6401		BCS6402
Channels	2		1
Voltage	CH1	CH2	± 30 V
	High	0 to 15 V	
	Low	0 to 9 V	
Current (Source / Sink)	High	3 A	5 A
	Low	5 A	-
Power	45 W per channel		150 W

Applications

The BCS Series charge/discharge and simulation features help accelerate battery design and development of portable electric devices with application areas including:

- Cell phones, tablets, wearable devices, and other IoT devices
- Chargers and charger circuitry
- DC-DC converters

390B Series True RMS Handheld Digital Multimeters

The 390B Series True RMS multimeters offer a well-rounded solution for general purpose measurement applications.

Model	390B	391B	393B	394B
Display Count	40,000 count	40,000 count	100,000 count	50,000 count
DC Voltage Basic Accuracy	0.03%	0.03%	0.015%	0.05%
Bluetooth Connectivity	√	-	-	-
Data Log Capacity	40,000 readings	20,000 readings	20,000 readings	-



Model 394B Process Multimeter

Model 394B combines the capabilities of a process calibrator with a full-featured True RMS multimeter in one package.

- Source/Measure 0-20 mA and 4-20 mA DC current
- Simultaneously monitor mA and % of scale

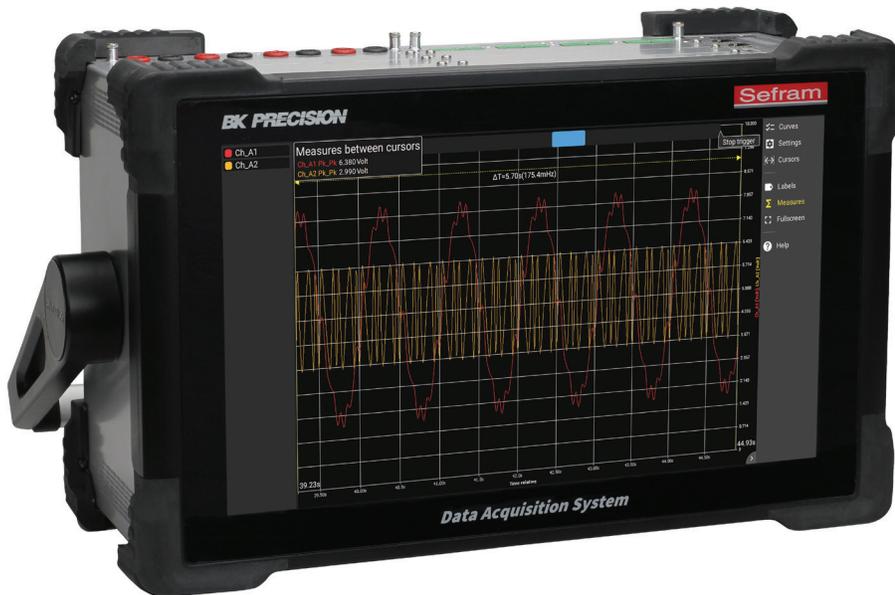
- Loop power function supplies power for evaluating and troubleshooting process transmitters
- HART® mode inserts 250 Ω resistor in series with loop power output when evaluating devices using the HART communication protocol

Data Acquisition Recorders

DAS1800 High Speed Modular Data Acquisition Recorder

Key Features

- Record 40 channels at 1 MSa/s/ch
- Up to 80 analog inputs with D18-MUX8 multiplexed module
- Measure up to ± 1500 VDC
- 10 slots and 4 measurement modules available
 - Universal (4 ch)
 - Multiplexed (8 ch)
 - High Voltage (4 ch)
 - High Impedance (4 ch)
- Temperature measurements with thermocouples and RTDs
- Store sensor information and parameters in the sensor library
- 15.6" Full HD touchscreen display
- 2 TB SSD internal memory (standard)
- Advanced calculations and automatic measurements
- Battery option (up to 3.5 hours of operation)
- Digital inputs and outputs



The DAS1800 raises the bar for performance and configurability with an extensive set of features, new user-friendly UI, and a base unit providing 10 module slots. Choose from 4 input modules with 4 or 8 channels each to achieve the optimal channel configuration. Acquire data from any sensor with a voltage or current output (with shunt), or directly measure voltage, resistance, or temperature using thermocouples or resistance temperature detectors (RTDs).

Measurement Boards

Configure the DAS1800 to fit your needs with any combination of modules up to 10.

Universal Module



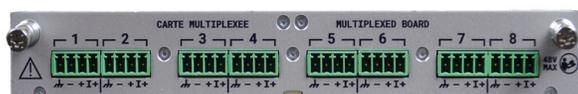
High Impedance Module



High Voltage Module



Multiplexed Module

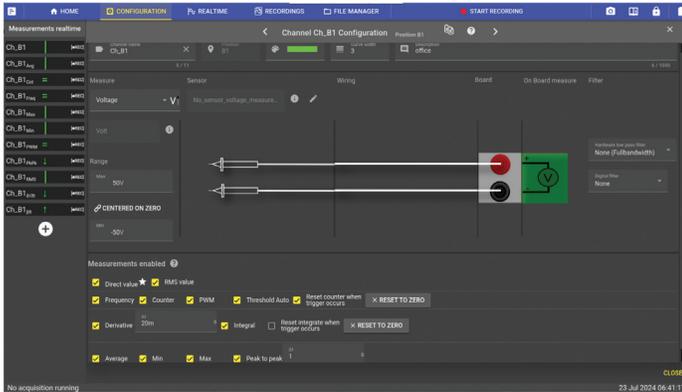


Board Type	Universal	High Impedance	High Voltage	Multiplexed
Channels	4	4	4	8
Maximum Voltage	± 600 VDC	± 600 VDC	± 1500 VDC	± 48 VDC
RMS Voltage	424 VRMS	424 VRMS	1000 VRMS	-
Resolution	16 bit	16 bit	16 bit	18 bit
Sampling Rate	1 MSa/s/ch	1 MSa/s/ch	1 MSa/s/ch	5 kSa/s
Input Impedance	1 M Ω	10 M Ω	10 M Ω	2 M Ω
Input Type	Single ended	Single ended	Differential	Differential
Isolation	✓	✓	✓	-
Voltage	✓	✓	✓	✓
Current	✓	✓	✓	✓
Thermocouples	✓	✓	-	✓
RTDs	-	-	-	✓
Frequency	✓	✓	✓	-
Counter	✓	✓	✓	✓
PWM	✓	✓	✓	-

Data Acquisition Recorders

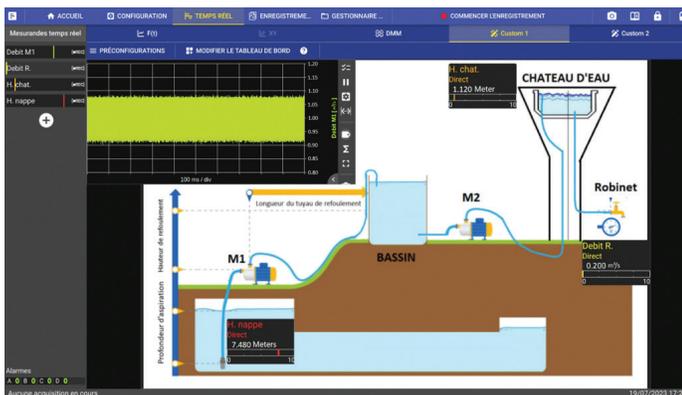
DAS1800 Operation Highlights

Channel configuration



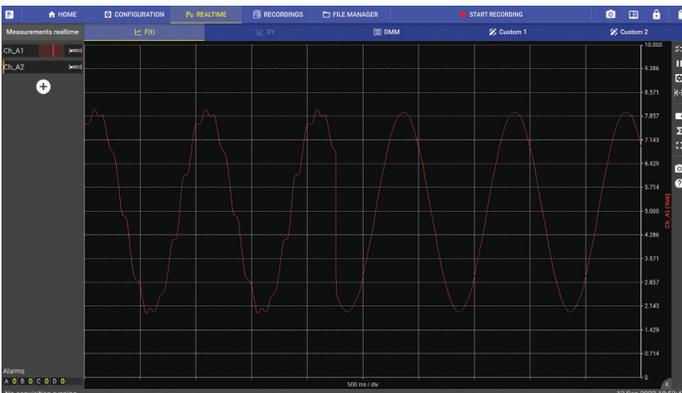
The channel configuration menu offers an intuitive design to ease measurement setup. Additionally, users can record True RMS, frequency, counter, PWM, derivative, integral average, min, max, and peak to peak measurements without the need to use another physical channel.

Custom dashboards



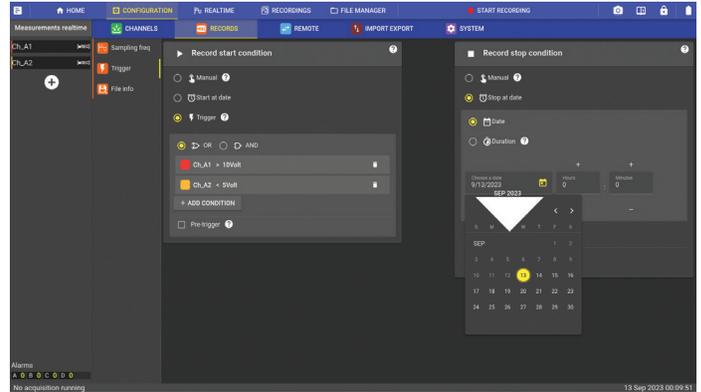
Measure and visualize data as real-time waveforms and numeric values on a customizable dashboard. Import circuit diagrams or system images to display on the dashboard.

Filtering



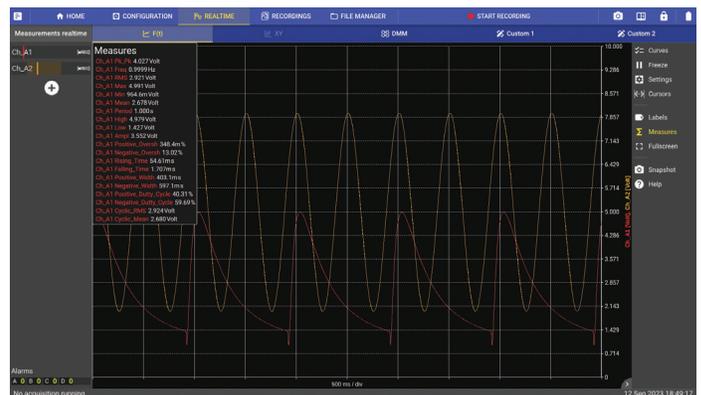
Reduce unwanted noise with built-in analog and digital filters. Analog filters include 100 Hz, 1 kHz, and 10 kHz low-pass filters. Digital filters include high pass, low pass, bandpass, and stop band filtering between 10 mHz to 10 kHz.

Advanced triggering



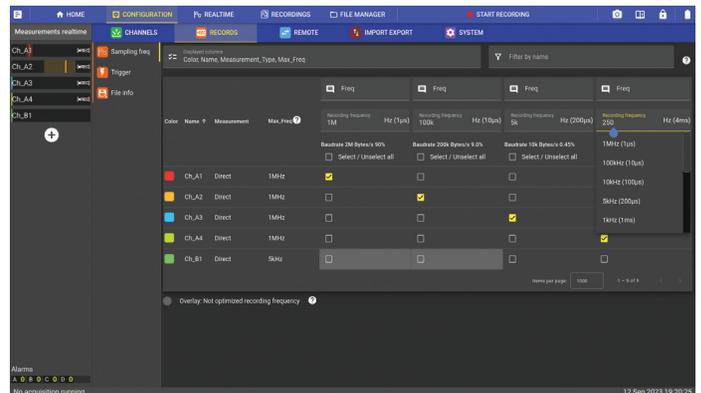
Configure the trigger settings to start and stop acquisition manually, at a specified time, or through a combination of one or multiple channel(s).

Waveform measurements



Automatically calculate up to 19 different waveform measurements including, amplitude, RMS, mean, frequency, rise time, and fall time.

Simultaneous recording



Record data at up to 4 different user configurable sample rates simultaneously. Allocate channels to slower rates or higher rates on a per channel basis for efficient use of hard drive space.

Data Acquisition Recorders

DAS1700 High Speed Data Acquisition System

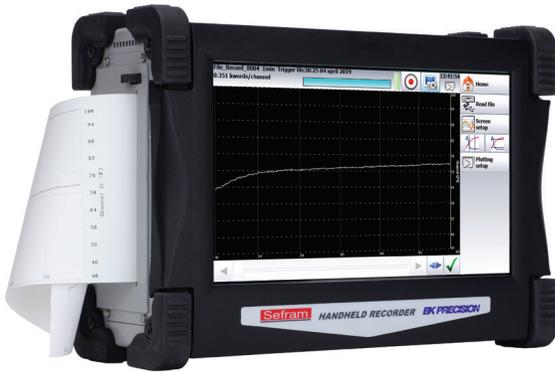


The DAS1700 high speed, configurable data acquisition system combines a fast sampling rate, deep memory, and a large touch screen display. The system also includes built-in software tools for power analysis and a mathematical function editor for performing calculations between multiple channels.

Key Features

- Maximum sampling rate of 1 MSa/s (1 μ s) on 36 channels simultaneously
- Up to 72 channels (with multiplexed board)
- Measure up to 1000 VAC with the high voltage board
- 16 bit resolution with multiplexed and strain gauge boards
- 14 bit resolution with universal and high voltage boards
- Wide 15.6 in. touchscreen display
- 500 GB SSD internal memory (2 TB optional)
- Free software and control analysis
- Digital inputs and outputs

DAS30/50/60 High Speed Multi-Function Recorders



The DAS30/50/60 high-speed multi-function recorders are suited for motor monitoring, manufacturing, and industrial applications.

Features & Benefits

- CAT III 600 V rated isolated channels Wide 10-inch touchscreen TFT display
- Capture mixed signals with one instrument, such as high voltage/current waveforms, temperature and logic data

DAS220-BAT & DAS240-BAT Portable Multi-Channel Data Recorders



The DAS220-BAT and DAS240-BAT are suited for process control and environmental sensor monitoring.

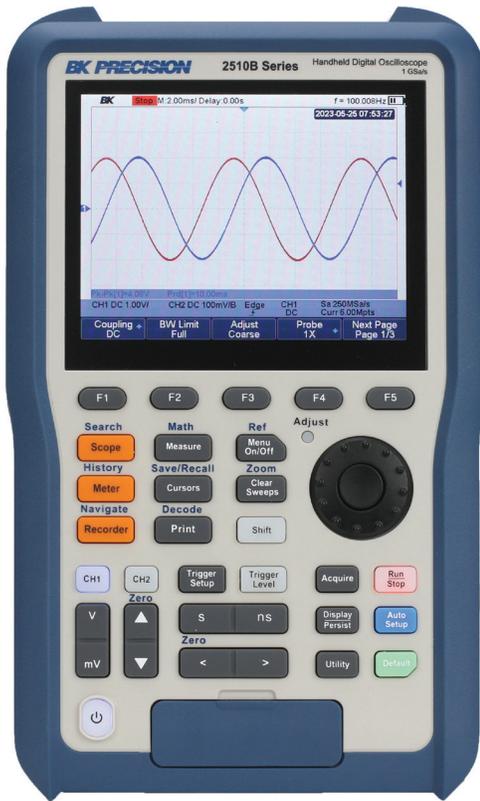
Features & Benefits

- Wide 10-inch touchscreen TFT display
- 10 built-in universal analog inputs
- Versatile temperature measurements supporting thermocouples and Pt100 / Pt1000 temperature sensors

Model	DAS30	DAS50	DAS60	DAS220-BAT	DAS240-BAT
Isolated Universal Channels	2	4	6	10	20 to 200
File Mode Sampling Interval	5 μ s (200 kSa/s)	5 μ s (200 kSa/s)	5 μ s (500 kSa/s)	1 ms	1 ms
Memory	32 GB	32 GB	64 GB	32 GB	32 GB
Battery Life	9.5 hrs	9.5 hrs	9.5 hrs	15 hrs	15 hrs
110 mm Thermal Printer	Factory option	Factory option	Factory option	-	-
2 Pt100/Pt1000 Inputs	Factory option	Factory option	Included	Included	Included

Oscilloscopes and Counters

2510B Series Handheld Digital Storage Oscilloscopes



The 2510B Series handheld digital storage oscilloscopes combine floating measurement and recorder capabilities with a built-in digital multimeter (DMM), all in one portable and lightweight package.

These versatile 100 MHz and 200 MHz bandwidth scopes provide two channels with 1 GSa/s sample rates, 12 Mpts memory depth, 38 automatic measurements, and multiple recording functions to capture transient or long-term signal behavior.

Models 2515B and 2516B offer full isolation between both the oscilloscope channels, the multimeter channel, the power input, and the USB host and device ports.

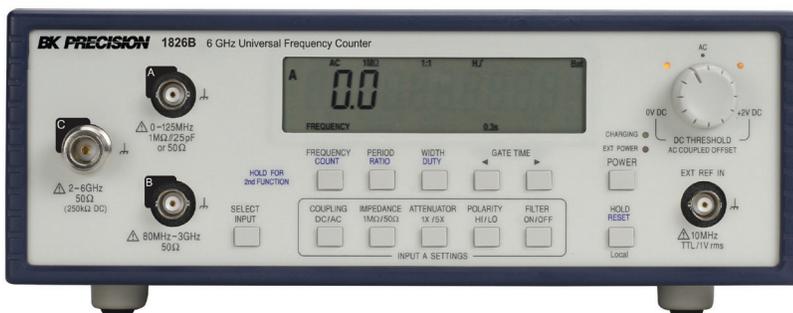


Key Features

- 100 MHz (2511B/2515B) and 200 MHz (2512B/2516B) bandwidth
- Maximum sample rate of 1 GSa/s
- Maximum memory depth of 12 Mpts
- Waveform update rate of 100,000 wfms/s (Normal mode), up to 400,000 wfms/s (Sequence mode)
- 2 fully isolated and floating 1,000 V CAT II, 600 V CAT III rated inputs (isolated models 2515B and 2516B)
- 300 V CAT II rated inputs (non-isolated models 2511B and 2512B)
- Built-in 6000 count DMM with True RMS AC voltage and current measurements

Model	2511B	2512B	2515B	2516B
Bandwidth	100 MHz	200 MHz	100 MHz	200 MHz
Channels	2 non-isolated		2 fully isolated	
Typical applications	General electronics		Power electronics and industrial	

1820B Series Universal Frequency Counters



Key Features

- 3 GHz (1823B) and 6 GHz (1826B) models
- 10-digit display resolution
- ± 1 ppm time base stability
- Internal rechargeable batteries allow for up to 24 hours of wireless operation
- Frequency ratio measurement function
- Time interval measurement
- Remote control with USB (VCOM) interface
- Selectable measurement time, 100 s, 10 s, 1 s, and 0.3 s

The 1820B Series Universal Frequency Counters are portable, battery-operated, universal counters with a 0.5" 10-digit liquid crystal display (LCD). These instruments measure a wide frequency range from 0.001 Hz to 6 GHz (1826B) and include measurement functions for frequency, period, ratio, pulse width, and count.

Model	Range	Resolution	Time Base Stability	Frequency	Period	Totalize	Noise Filter	Battery Power	Remote Interface
1823B	0.001 Hz to 3 GHz	10 digits	± 1 ppm	✓	✓	✓	✓	24 Hours	USB (VCOM)
1826B	0.001 Hz to 6 GHz								

About B&K Precision

For more than 70 years, B&K Precision has provided reliable and value-priced test and measurement instruments worldwide.

B&K Precision is headquartered Yorba Linda, California, with development, sales and service subsidiaries located in Europe and Asia. Our European customers are most familiar with B&K Precision through Sefram, our subsidiary located in St. Etienne, France, from which we serve our customers in Europe, the Middle East, and Africa. Engineers in Asia know us through our B&K Precision Taiwan subsidiary. Our office in Taipei provides sales, service and support to our customers in Asia. Our independent service centers in Singapore and Brazil service customers in Singapore, Malaysia, Vietnam, Indonesia and South America respectively.



● B&K Precision group member ● Independent service center ● Service center location



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