

BK PRECISION

2026

New Products Catalog



Modular DC Power

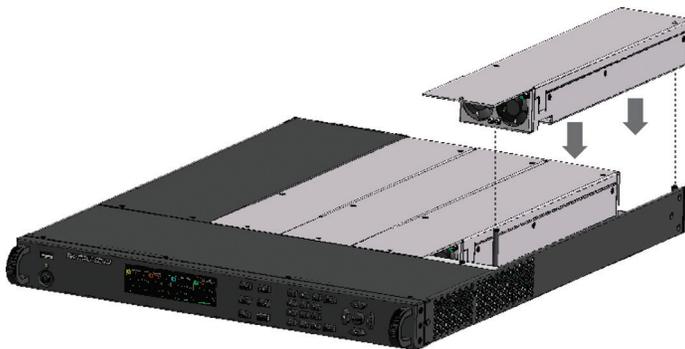
MPS Series Modular System DC Power Supplies



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.

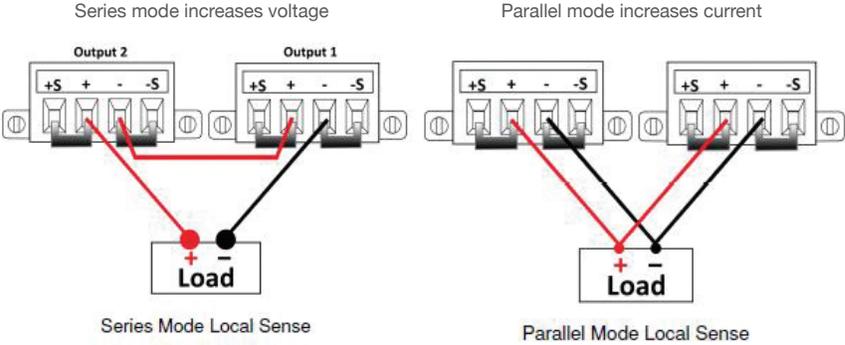
Model	100 W Modules				300 W Modules			
	MPS1101	MPS1102	MPS1103	MPS1104	MPS1301	MPS1302	MPS1303	MPS1304
Rated Voltage	15 V	32 V	60 V	100 V	15 V	32 V	60 V	100 V
Rated Current	20 A	9.5 A	5 A	3 A	20 A	9.5 A	5 A	3 A
Ranging	Multi-range (autoranging)				Fixed range			

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

MPS Series Modular System DC Power Supplies

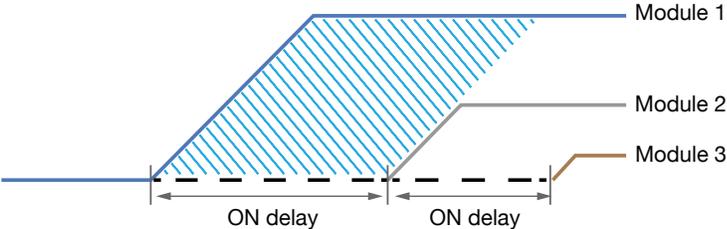
Series/Parallel Operation

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.



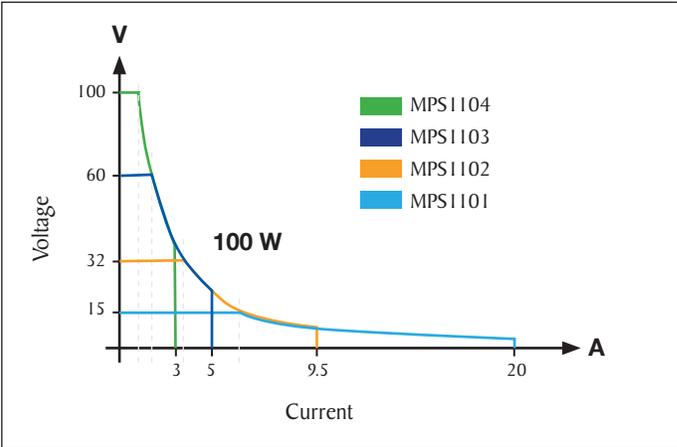
Channel Coupling and Output Sequencing

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.

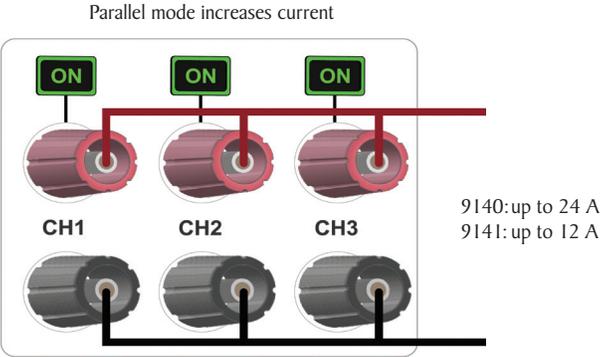
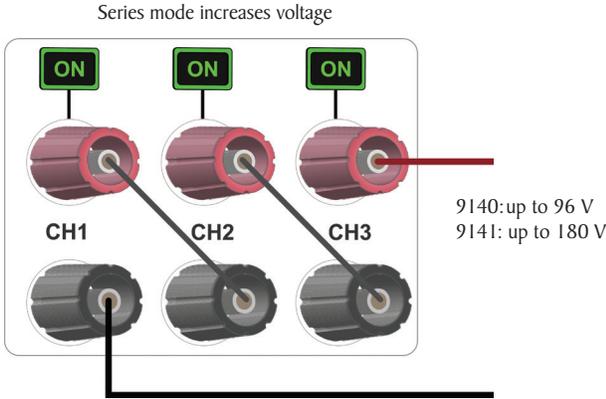
Model	9140 / 9140-GPIB	9141 / 9141-GPIB
Voltage per Channel	32 V	60 V
Current per Channel	8 A	4 A
Max. Output Power	100 W per channel (300 W combined)	

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

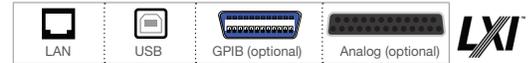
Applications

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

ATE System DC Power Supplies

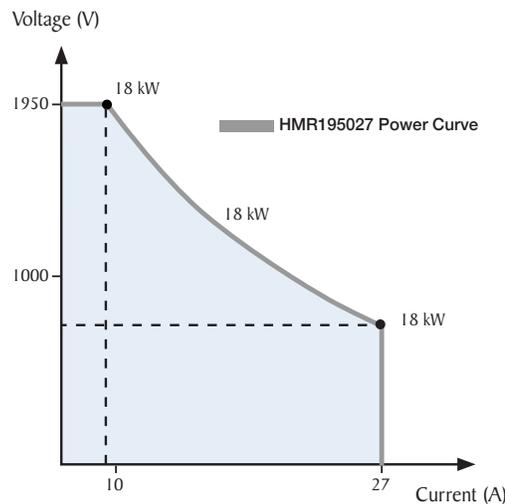
HMR Series ATE System DC Power Supplies



The HMR Series multi-range DC power supplies provide dependable performance for ATE applications requiring a wide output voltage and current in a compact 3U form factor. Integrators will benefit from fast command response times, low noise characteristics, and a wide 200 to 415 VAC input.

Multi-range Operation

Conventional power supplies with rectangular output characteristics only provide maximum output power at one voltage/current point. Multi-range functionality of the HMR Series expands the maximum power output from one point to a curve illustrated in the figure. This flexibility enables multi-range power supplies to replace multiple fixed range power supplies, reducing equipment requirements and simplifying test setups.



Key Features

- Output up to 1950 V or 360 A
- Multi-ranging operation
- Adjustable voltage and current slope
- OVP, OCP, OPP, OTP, and key-lock protection
- Efficiency up to 95%
- Configurable internal resistance
- List mode programming
- Connect up to 100 units in parallel for more power

Remote Control

- Fast 3 ms command response time
- Operating software included
- LabVIEW™, IVI-C, IVI.NET drivers provided

List Mode

List mode (sequence mode) allows users to output a sequence of up to 500 programmed steps. Each step setting includes voltage, current, power, and time. List mode sequences can be programmed remotely using SCPI commands, with the included application software, or by importing a spreadsheet file through the front panel USB port.

SiC Performance

The HMR Series design uses SiC MOSFETs, resulting in higher overall performance, improved efficiency, and increased reliability compared to traditional (Si) FETs.



Model	HMR80360	HMR65046	HMR130023	HMR500108	HMR195027
Max. Output Voltage	80 V	650 V	1300 V	500 V	1950 V
Max. Output Current	360 A	46 A	23 A	108 A	27 A
Max. Output Power		10 kW			18 kW

DC Electronic Loads

8550 Series Programmable DC Electronic Loads

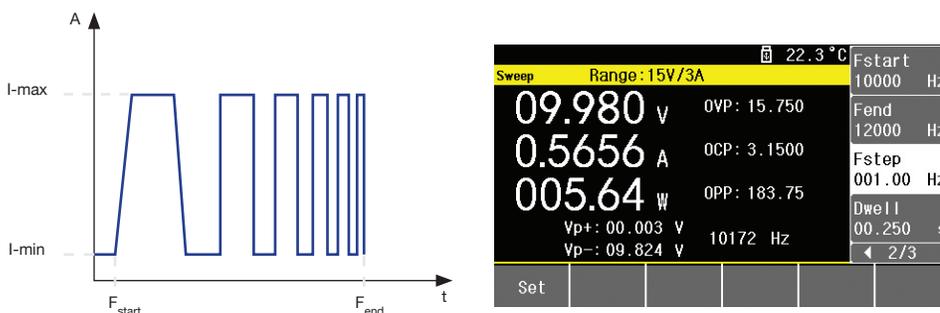


The 8550 Series DC electronic loads provide many features and capabilities typically found in performance instruments, at a value price. Capable of sinking 350 W in a compact benchtop form factor, this series is well equipped for testing and evaluating power supplies, DC-DC converters, batteries, battery 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
- Overvoltage (OVP), overcurrent (OCP),
- Overpower (OPP) protection, remote reverse voltage (RRV), and key-lock function
- Thermostatically-controlled fans for quiet operation

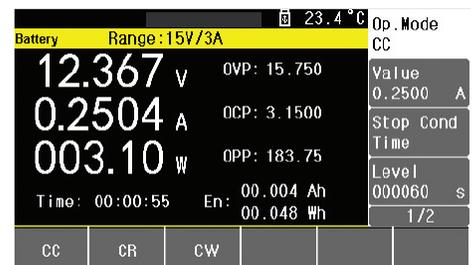
Advanced power supply characterization

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.



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.

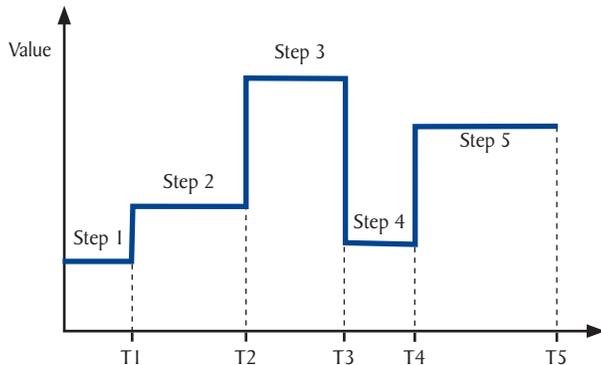
Power	2 kW		3 kW		6 kW		
Model	HVL150250	HVL600150	HVL80075	HVL100025	HVL600300	HVL800150	HVL100050
Maximum Voltage	150 V	600 V	800 V	1000 V	600 V	800 V	1000 V
Maximum Current	250 A	150 A	75 A	25 A	300 A	150 A	50 A
Form Factor	3U				5U		

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	(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

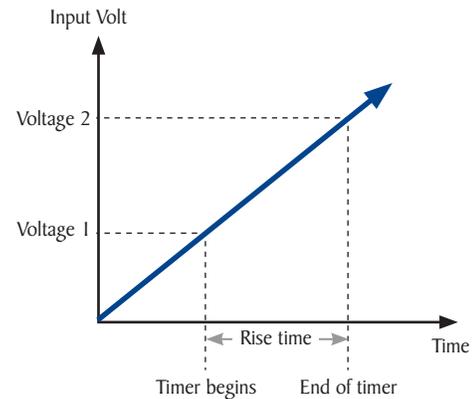
Direct data logging

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

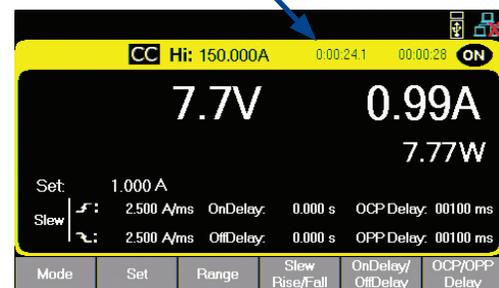
Log voltage, current, or both at a user-defined sampling interval adjustable from 0.2 seconds to 5 minutes directly to an external USB flash drive. Data points are saved as a CSV file with date and time stamp.

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.

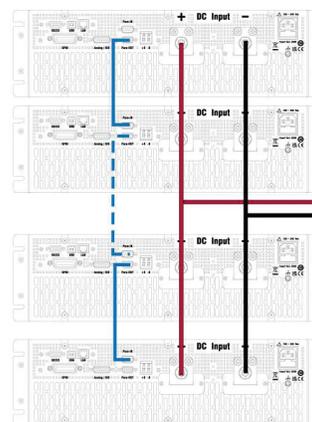


The resulting rise/fall time measurement is displayed on screen with 0.1 s resolution.



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.

Signal Generators

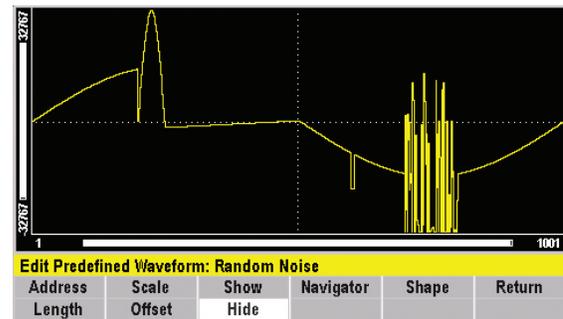
4078C Series Dual Channel Function / Arbitrary Waveform Generators



True Point-by-Point Signal Integrity

The 4078C 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



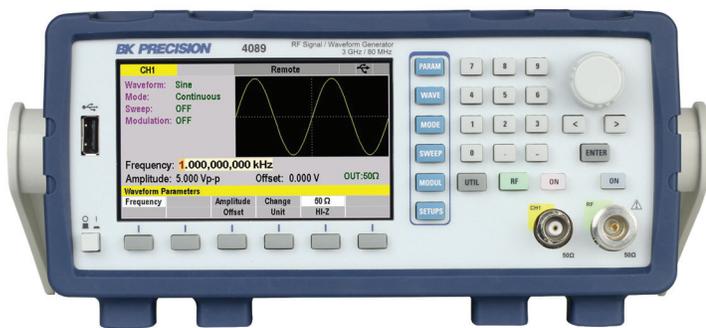
Draw lines, and modify waveforms on a point-by-point basis, or combine aspects from multiple predefined waveforms such as injecting noise into a sine wave.

Key Features

- 16-bit resolution, 250 MSa/s, up to 4 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



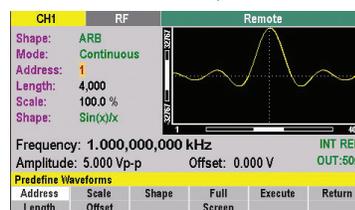
2-in-1 Value

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.

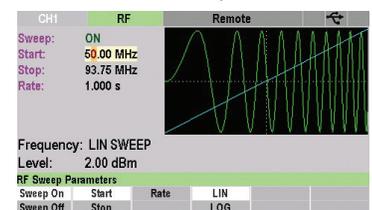
At the press of a button, seamlessly toggle the operating mode between a capable AWG/Function generator or RF signal generator with the ability to output a signal on both channels simultaneously.

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	4 Mpts	4 Mpts

* GPIB option available with model 4089GPIB only



AWG/Function generator output



RF Signal generator output

Data Acquisition Recorders

DAQ3120 Benchtop Data Acquisition System



This system's built-in multimeter offers high accuracy and support for various measurements, including AC and DC voltage and current, resistance, frequency, temperature, strain, and capacitance.

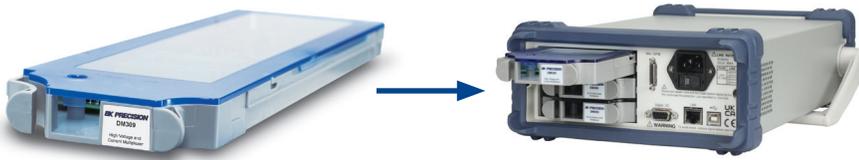
Its data logging capabilities include recording directly to a USB drive or the internal non-volatile memory, capable of storing 100 kilo points of data with time-stamps for all readings.

In standalone operation, the 4.3" color display and intuitive user interface provide all the tools necessary to monitor and analyze data. Visualize the data with flexible display options including data tables, trend charts, and histograms.

The DAQ3120 provides versatile connectivity options, including LAN, USB (USBTMC and USBVCP), and optional micro GPIB, for seamless integration with PCs.

Key Features

- 3-slot base unit with built-in 6-½ digit DMM
- Basic 0.0035% DCV accuracy
- Measures up to 600 VDC / 400 VAC
- Up to 450 channels/s scan rate
- Up to 120 channels per system
- 100 kpts internal non-volatile memory with time stamp for all readings
- Measures 14 different input signals:
 - Temperature with thermocouples, RTDs, and thermistors
 - AC/DC voltage and current
 - Resistance with 2-wire and 4-wire
 - Direct strain and bridge strain
 - Frequency and period
 - Capacitance
- Digital I/O interface offers external triggering and alarm outputs
- Log or copy data directly to a USB drive
- Includes LAN, USB (-TMC and -VCP), and micro-GPIB (-GPIB model only) interfaces



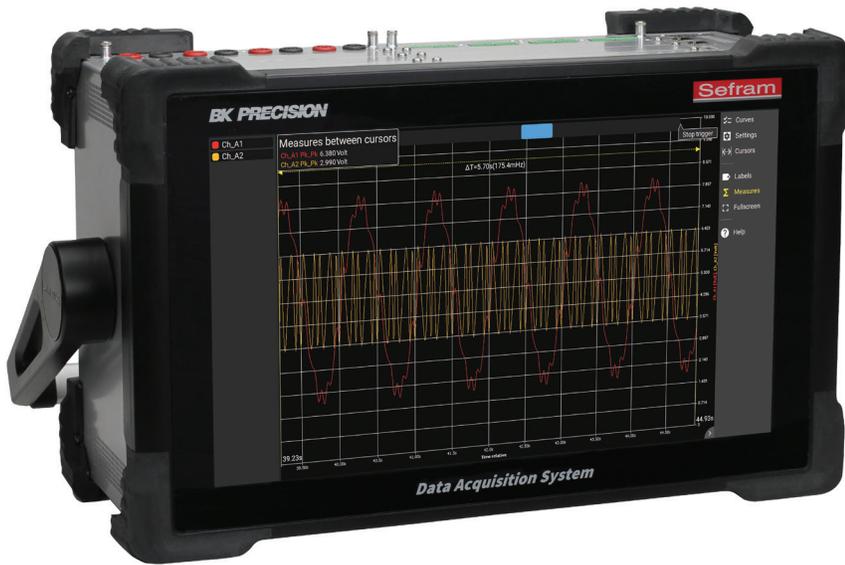
DAQ3120 Modules Overview

Modules	Input Type	No. of Channels	Speed (CH/s)	Max. Voltage	Max. Current	Bandwidth	Thermal Offset	Internal DMM
DM300 Solid-State Multiplexer	2-wire solid-state (4-wire selectable)	20	450	120 V	-	10 MHz	< 4 μ V	✓
DM301 Multiplexer with Current CH	2-wire armature (4-wire selectable)	20 + 2 ⁽¹⁾	80	300 V	1 A	10 MHz	< 4 μ V	✓
DM303 Single-Ended Multiplexer	1-wire armature (common low)	40	80	300 V	-	10 MHz	< 1 μ V	✓
DM304 4 x 8 Matrix	2-wire armature	32	-	300 V	-	10 MHz	< 1 μ V	-
DM307 Multifunction Module	16-bit Digital I/O	16 ⁽²⁾	-	42 V	-	-	-	-
	100 kHz Totalizer input	1	-	42 V	-	10 MHz	-	-
	18-bit DAC output	2	-	\pm 12 V	\pm 24 mA	-	-	-
DM308 Actuator/General Purpose Switch	Single Pole Double Throw (Form C relay)	20	-	300 V	-	-	< 4 μ V	-
DM309 High Voltage and Current	2-wire armature (4-wire selectable)	8 + 2 ⁽¹⁾	60	600 V DC 400 V DC	2 A	10 MHz	< 4 μ V	✓

(1) The additional two channels are dedicated current inputs
 (2) Channels are split into two 8-bit digital input/output registers

Data Acquisition Recorders

DAS1800 Modular High-Speed Data Acquisition System



Key Features

- 10 slots for measurement modules
- Measure up to ± 1500 VDC
- Up to 80 analog inputs with D18-MUX8 multiplexed module
- Max sampling rate of 1 MSa/s/ch (up to 40 channels)
- Multi-file recording (up to 4) with individually configured sample rates
- Synchronize timing with IRIG, GPS, and PTP (DAS1800-SYNC model)
- Class S power analysis supports DC, single-phase, and 3-phase networks operating in 50 Hz, 60 Hz, or 400 Hz
- 15.6" Full HD touchscreen display
- 2 TB SSD internal memory (standard)
- Battery providing up to 3.5 hours of operation (-BAT models only)
- Interfaces include USB 3.0 (x2), USB 2.0 (x2), LAN 1 Gbps (x2), and HDMI (x1)
- TUVus certifies CSA and UL safety standard

Standard 10 module slots
Plug & play connectivity facilitates system configuration



DAS1800 top view

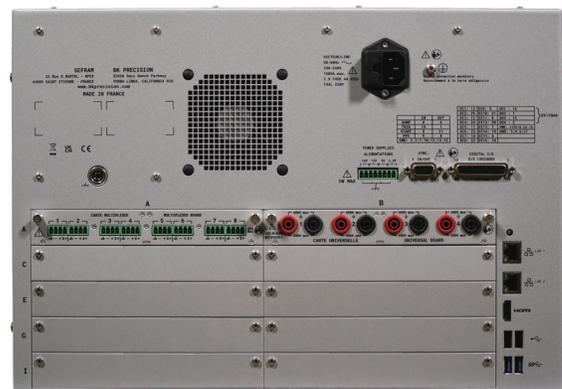
The DAS1800 raises the bar for performance and configurability with an extensive set of features, user-friendly HMI, and a base unit providing 10 module slots. Configure the system from a selection of four different input modules to measure and record voltage, current (with shunt), resistance, or temperature from thermocouples and RTDs directly. Sensor information can be stored and recalled through the sensor library and script channels enable real-time scaling and linearization of non-linear sensors.

DAS1800-R Rackmount High-Speed Data Acquisition System

The DAS1800-R retains all the core hardware and software features as the DAS1800, but adopts a mechanical redesign convenient for rackmount applications. Module slots and communication interfaces are easily accessible from the back and the 2 TB SSD withholding measurement data and configuration files is removable from the front.



DAS1800-R rackmount front view



DAS1800-R rear view

Data Acquisition Recorders

DAS1820 Portable High-Speed Data Acquisition Recorder



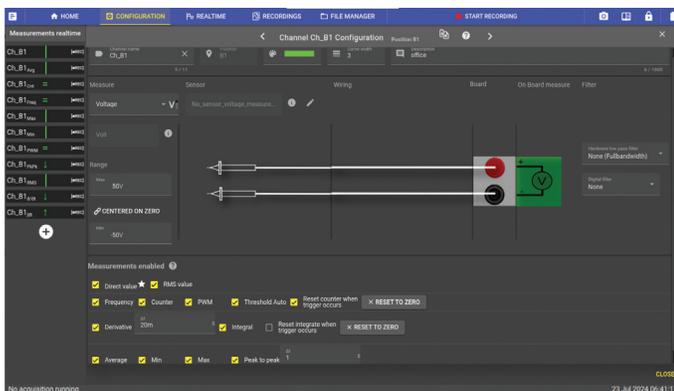
Key Features

- 2 slots for measurement modules
- Measure up to ± 1500 VDC
- Up to 16 analog inputs with D18-MUX8 multiplexed module
- Max sampling rate of 1 MSa/s/ch (up to 8 channels)
- Multi-file recording (up to 3) with individually configured sample rates
- Synchronize timing with IRIG, GPS, and PTP (DAS1820-SYNC model)
- Dedicated power analysis supports DC, single-phase, and 3-phase networks operating in 50 Hz, 60 Hz, or 400 Hz
- 12" HD touchscreen display
- 500 GB SSD internal memory (standard)
- Battery option (D1820-BAT) provides up to 4 hours of operation
- Interfaces include USB 3.0 (x2) and LAN 1 Gbps

The DAS1820 is a portable high-speed data acquisition system with a dual-slot chassis. It utilizes the same module ecosystem and hardware architecture as the DAS1800, providing near-identical performance in a smaller compact solution. This shared platform ensures the DAS1820 maintains the same plug-and-play functionality and signal conditioning capabilities as the larger system, enabling reconfiguration without requiring factory recalibration.

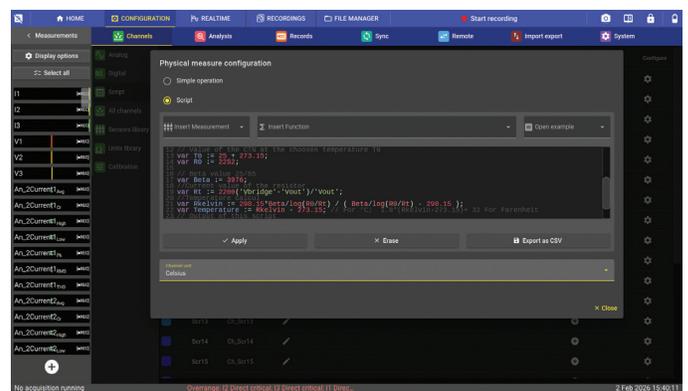
Feature Highlights and Software

Channel Configuration



From a single input channel, these instruments can perform real-time calculations such as RMS, frequency, PWM, and time-domain analysis. Additionally, users can apply linear conversion functions to restore the original sensor measurand and condition the signal with built-in analog and digital filters.

Programmable Scripting Channels



Onboard scripting capabilities reduce reliance on complex calibration curves and time-consuming post-processing. Script channels enable real-time scaling and linearization of non-linear sensors, supporting the use of custom voltage divider networks and multichannel calculations.

Data Acquisition Recorders

Measurement Modules

Configure DAS1800 and DAS1820 systems from a selection of four different measurement modules. For high-speed measurements the universal, high voltage, and high impedance modules offer 4 channels per module, sampling rates up to 1 MSa/s, and simultaneous sampling. For measuring low voltage and slow changing trends, the multiplexed module provides 8 channels per module, sampling rates up to 5 kSa/s, and multiplexed sampling.



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 MΩ	10 MΩ	10 MΩ	2 MΩ
Input Type	Single ended	Single ended	Differential	Differential
Isolation	√	√	√	-
Voltage	√	√	√	√
Current	√	√	√	√
Thermocouples	√	√	-	√
RTDs	-	-	-	√
Frequency	√	√	√	-
Counter	√	√	√	√
PWM	√	√	√	-

Remote Viewing and Operation

DASpro (PC software)

DASpro is a license free software that can be downloaded from bkprecision.com. Through this software, users can open and view the universal ASAM MDF4 file recordings saved by the DAS1800/DAS1820. Viewing data and analysis features are similar to the instrument, making it easy and intuitive to operate.

Internal Server

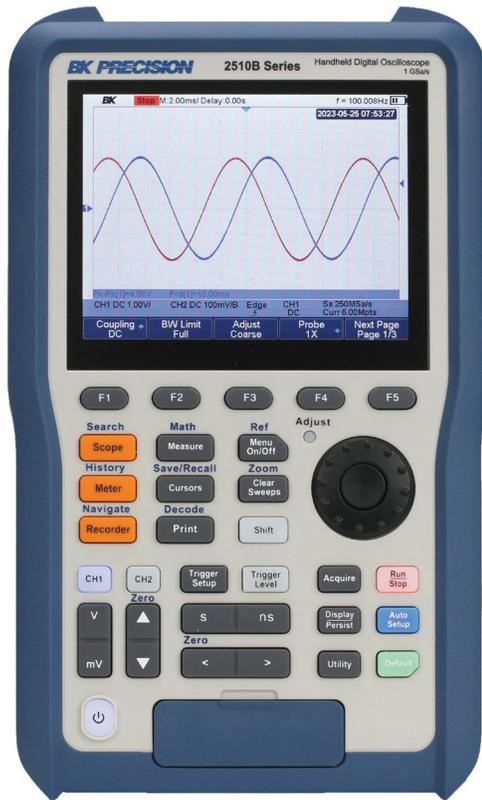
These instruments include internal servers, enabling remote operation via virtual network computing (VNC) software and supported web browsers.

File Management

Integrated file transfer protocol (FTP) and network-attached storage (NAS) support allows measurement data to be automatically transferred from the instrument to a remote server or network storage. This enables easy file access from multiple computers and simplified data backup without manual file handling.

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.

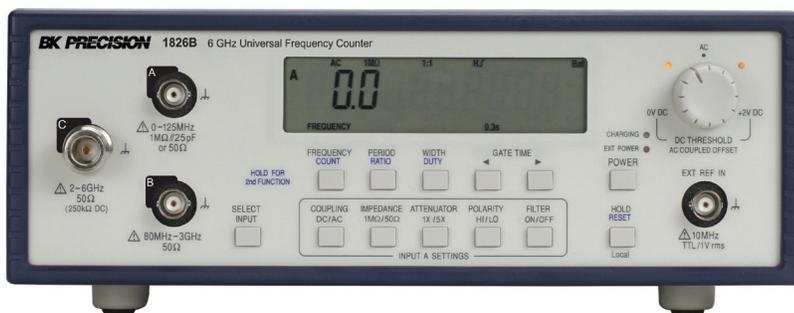


Key Features

- 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
- 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.

Our headquarters in Yorba Linda, California houses our administrative and executive functions as well as sales and marketing, design, service, and repair. Our European customers are most familiar with B&K through our French subsidiary, Sefram. Engineers in Asia know us through our B&K Precision Taiwan operation. The independent service centers in Singapore and Brasil 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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