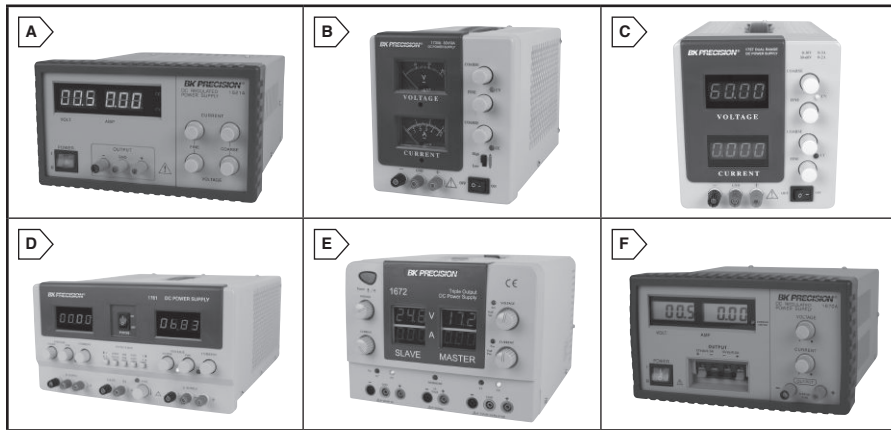


# BK PRECISION Power Supplies



B&K PRECISION power supplies provide the versatility and reliability required for a broad spectrum of laboratory and service applications. They are ideal for use in engineering, industrial service shop, lab, and school applications. Each power supply is built for continued stability and accuracy over a wide range of operating conditions.

## SINGLE OUTPUT DC POWER SUPPLIES

### Model 1621A

- Features:**
- Output voltage: 0-18V
  - Output current: 0-5A
  - Constant voltage output on two meters current operation
  - Continuously monitor voltage and current output on two meters
  - One year warranty

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Display	Price Each
615-1621A	1621A	A	Digital	249.00

### Model 1730A and 1735A

- Features:**
- Output voltage: 0-30V
  - Output current: 0-3A
  - Constant voltage current operation
  - Operate at full load w/o overheating
  - Two year warranty
  - Coarse and Fine Voltage Controls

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Display	Price Each
615-1730A	1730A	B	Analog	349.00
615-1735A	1735A	B	Digital	409.00

### Model 1739

- Features:**
- Output voltage: 0-30V
  - Output current: 0-1A
  - Low current, high resolution
  - Excellent regulation
  - Overload protection
  - Constant voltage (CV) and constant current (CC) operation good visibility in bright or low light
  - RS-232 interface

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Display	Price Each
615-1739	1739	C	Digital	639.00

## DUAL RANGE DC POWER SUPPLY

### Model 1737 and 1747

- Features:**
- Dual range to accommodate applications requiring either a higher voltage or a higher current
  - Low ripple and noise
  - Excellent regulation
  - Overload protection
  - Constant voltage (CV) and constant current (CC) mode operation good visibility in bright or low light
  - LED indication for CV and CC modes
  - Automatic recall of last settings on power up
  - RS-232 interface

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Price Each
615-1737	1737	C	559.00
615-1747	1747	C	879.00

## HIGH CURRENT DC POWER SUPPLIES

A cost effective, high power, regulated DC power supplies. Linear high current DC power supplies suitable for bench operation or standard 19" rack operation. These linear power supplies are a high power workhorse that will easily deliver clean power to your high current circuits.

- Features:**
- Constant voltage/constant current operation
  - Remote programming facility
  - Facility for presetting the output voltage and max. Load current limits
  - Separate DC output ON/OFF switch
  - Remote sensing facility
  - High stability and close regulation  $\pm 0.01\%$
  - Meet CE specifications



## TRIPLE OUTPUT DC POWER SUPPLIES

### Model 1760A and 1761

- Features:**
- Two 0-30VDC, 2A sections capable of independent, series or parallel operation
  - One 4-6.5VDC, 5A section
  - Switchable series/parallel operation 30V sections
  - Adjustable current limit controls 30V sections
  - Two 3 digit LED displays: one reads volts or amps of "B" supply, one reads volts or amps of "A" supply or 4V-6.5V supply
  - Unique variable tracking, B track A at 5% to 100%
  - Two year warranty

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Price Each
615-1760A	1760A	D	679.00
615-1761	1761	D	709.00

## TRIPLE OUTPUT QUAD DISPLAY

### Model 1672 and 1673

- Features:**
- Independent control of voltage and current for variable output
  - Constant voltage/constant current operation
  - Separate 3 digit displays for voltage (GREEN) and current (RED) modes
  - LED indication for CV (GREEN) and CC (RED) modes
  - Overload indication LED for fixed output
  - Series tracking and parallel mode operation for the triple output unit

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Price Each
615-1672	1672	E	489.00
615-1673	1673	E	829.00

## TRIPLE OUTPUT

### Model 1670A

- Features:**
- Output voltage: 0-30V @ 3A; 12V and 5V @ 0.5A Fixed
  - Two Digital LCD Displays
  - Overload protection
  - One year warranty

MOUSER STOCK NO.	BK Precision Part No.	Fig.	Price Each
615-1670A	1670A	F	209.00

### Power Supply Leads

MOUSER STOCK NO.	BK Precision Part No.	Description	Price Each
615-TL-5A	TL-5A	5 Amp Hook-up Leads	10.00
615-TL-30	TL-30	30 Amp Hook-up Leads	18.00

## SINGLE OUTPUT PROGRAMMABLE DC POWER SUPPLIES

### Model 9150

The 9150 series are designed for applications in design verification, production or university labs that require high yet clean and reliable power, combined with excellent resolution, accuracy and fast transient response time.

- Very low ripple & noise due to linear reg.
- Excellent display resolution
- Fast transient response time (<120 $\mu$ s)
- Closed case calibration
- List mode operation for increased throughput
- Very quiet due to intelligent fan speed control
- For bench use or rack mountable
- Over voltage protection
- Digital Volt Meter and Milliohm Meter
- Application Software for front panel emulation and simple test sequence generation included
- Digital port with Remote Inhibit (RI) useful for turning multiple power supplies On/Off simultaneously
- Programmable via USB and RS232 using SCPI compatible command set



MOUSER STOCK NO.	BK Precision Part No.	Description	Price Each
615-9150	9150	5.2V/60A	1895.00
615-9151	9151	20V/27A	1795.00
615-9152	9152	30V/18A	1795.00
615-9153	9153	60V/9A	1795.00

## PROGRAMMABLE DC POWER SUPPLIES

### XLN Series



The XLN series of programmable DC power supplies delivers up to 1440 watts of clean power on a single output. The compact 1U high 19 inch wide supplies were designed to meet the needs of both system integrators and bench top users. Fast average command processing times of less than 50 ms, combined with the flexibility of industry-standard GPIB, LAN, USB & RS485 interfaces make these supplies ideal for ATE applications. Bench top users will benefit from the built-in voltage and current meters displaying setting and output values concurrently, an intuitive user interface with full keypad and rotary knob as well as cost effective USB & RS485 interfaces that come standard with all models. The XLN series is perfectly suited for ATE systems integration, product design and development, product QC and burn-in testing, production, electro-plating and other applications requiring high, reliable power.

- Compact, high density, 1U package
- USB and RS485 Interface (standard)
- GL versions include GPIB, LAN, USB and RS485 Interfaces
- External analog programming interface
- Easy to configure master/slave mode for series & parallel connection of up to 4 units
- Control up to 31 power supplies from one PC synchronized via the RS485 interface
- Application software providing remote control capabilities included
- Programmable voltage and current slow rate allow for "soft starting" of loads
- LabVIEW™ drivers available
- 5 V/I A fixed output for auxiliary output



MOUSER STOCK NO.	BK Precision Part No.	Description	Price Each
615-XLN10014	XLN10014	0-100V, 0-14.4A	2275.00
615-XLN3640	XLN3640	0-36V, 0-40A	2275.00
615-XLN6024	XLN6024	0-60V, 0-24A	2275.00
615-XLN8018	XLN8018	0-80V, 0-18A	2275.00

### GPIB Version

MOUSER STOCK NO.	BK Precision Part No.	Description	Price Each
615-XLN10014-GL	XLN10014-GL	0-100V, 0-14.4A	2495.00
615-XLN3640-GL	XLN3640-GL	0-36V, 0-40A	2495.00
615-XLN6024-GL	XLN6024-GL	0-60V, 0-24A	2495.00
615-XLN8018-GL	XLN8018-GL	0-80V, 0-18A	2495.00

## MULTI RANGE DC POWER SUPPLY

### Model 9110

- Digitally controlled, mixed mode linear/switching DC power supply
- 10mV/1mA resolution over the full range
- Bright, easy to read display
- Very compact and lightweight
- Low ripple and noise
- High reliability due to OCP, OVP and OTP protection
- Output On/Off control
- Store and Recall 4 x 100 groups of preset Volt/Amp values



MOUSER STOCK NO.	BK Precision Part No.	Description	Price Each
615-9110	9110	100W, 60V/5A DC	290.00