



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.

## BK PRECISION SINGLE OUTPUT DC POWER SUPPLIES

### Model 1621A

#### Features:

- Output voltage: 0-18V
- Output current: 0-5A
- Constant voltage/constant 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 |
|------------------|-----------------------|------|---------|------------|
| <b>615-1621A</b> | 1620A                 | A    | Digital | 229.00     |

### Model 1730A and 1735A

#### Features:

- Output voltage: 0-30V
- Output current: 0-3A
- Constant voltage/constant current operation
- Operate continuously 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 |
|------------------|-----------------------|------|---------|------------|
| <b>615-1730A</b> | 1730A                 | B    | Analog  | 329.00     |
| <b>615-1735A</b> | 1735A                 | B    | Digital | 409.00     |

## BK PRECISION 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 |
|------------------|-----------------------|------|------------|
| <b>615-1760A</b> | 1760A                 | C    | 659.00     |
| <b>615-1761</b>  | 1761                  | C    | 699.00     |

## BK PRECISION 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



## BK PRECISION TRIPLE OUTPUT QUAD DISPLAY

### Model 1672

#### 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 |
|------------------|-----------------------|------|------------|
| <b>615-1672</b>  | 1672                  | D    | 479.00     |

## BK PRECISION COMPACT TRIPLE OUTPUT

### Model 1651A and 1652

#### Features:

- Two 0-24VDC outputs (0.5A)
- One fixed 5V output (4A)
- Independent or tracking operation
- Adjustable current limiting
- Designed to operate continuously at rated output
- Overload protection: short circuit, overvoltage, and reverse polarity
- Connect outputs in series for higher voltage output or in parallel for higher current output (switch selectable)
- One year warranty

| MOUSER STOCK NO. | BK Precision Part No. | Fig. | Display | Price Each |
|------------------|-----------------------|------|---------|------------|
| <b>615-1651A</b> | 1651A                 | E    | Analog  | 449.00     |
| <b>615-1652</b>  | 1652                  | E    | Digital | 459.00     |

## BK PRECISION 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 |
|------------------|-----------------------|------|------------|
| <b>615-1670A</b> | 1670A                 | F    | 198.92     |

## BK PRECISION 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

PRODUCT **NEW**



| MOUSER STOCK NO. | BK Precision Part No. | Description | Price Each |
|------------------|-----------------------|-------------|------------|
| <b>615-9150</b>  | 9150                  | 5.2V/60A    | 1825.00    |
| <b>615-9151</b>  | 9151                  | 20V/27A     | 1725.00    |
| <b>615-9152</b>  | 9152                  | 30V/18A     | 1725.00    |
| <b>615-9153</b>  | 9153                  | 60V/9A      | 1725.00    |

## BK PRECISION 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, electroplating 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 slew rate allow for "soft starting" of loads
- LabVIEW™ drivers available
- 5 V/1 A fixed output for auxiliary output

PRODUCT **NEW**



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

## BK PRECISION MULTI RANGE DC POWER SUPPLY

### Model 9110

The 9110 is a new type of power supply. Unlike conventional power supplies with fixed output ratings, the 9110 automatically recalculates voltage/current limits for each setting. The 9110 provides 100W output power in any Volt/Amp combination within the rated voltage (60V) and current (5A) limits. By providing greatly expanded choices of maximum power Volt/Amp combinations, users can cut down on the number of power supplies required and free up valuable bench space.

- 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



PRODUCT **NEW**

| MOUSER STOCK NO. | BK Precision Part No. | Description     | Price Each |
|------------------|-----------------------|-----------------|------------|
| <b>615-9110</b>  | 9110                  | 100W, 60V/5A DC | 275.00     |