



GAMMA

COMPACT BENCH TOP BI-POLAR POWER SUPPLIES

Bi-Polar Power Supplies Series **BP**

5 Models Covering the Range 0 to 250VDC through 0 to 5KVDC

DESCRIPTION:

The **GAMMA BP series** of Bi-Polar Power Supplies is available in up to Eight Channels of output. Channel Outputs of the same or different ratings can be combined in one enclosure. Each Channel is equipped with a voltage monitor and output connector and is independently controlled and regulated. Single Digital Meter with selector switch provided.

FEATURES:

- Programmable through Zero
- High Accuracy
- Voltage Monitor
- Arc & Short Circuit Protected
- Low Ripple
- Selectable Programming Mode
Local or Remote

*Shown
Model BP3x2/DM(2)
Dual channel with
Optional additional
digital meter*



MODEL GUIDE-Single Channel Units *

**consult factory for multiple channel models*

| MODEL | OUTPUT VOLTAGE | OUTPUT CURRENT |
|--------|------------------------------|----------------|
| BP0.25 | 0 to +250VDC to 0 to -250VDC | 3mA |
| BP0.6 | 0 to +600VDC to 0 to -600VDC | 1.5mA |
| BP1 | 0 to +1KVDC to 0 to -1KVDC | 500uA |
| BP3 | 0 to +3KVDC to 0 to -3KVDC | 250uA |
| BP5 | 0 to +5KVDC to 0 to -5KVDC | 50uA |

APPLICATIONS

- Mass Spectrometers
- Bi-Polar Lens Control
- Electrostatic Focusing
- Deflection Plates

SPECIFICATIONS

INPUT VOLTAGE: 90-240VAC 50/60HZ
 OUTPUT: See Model Guide
 RIPPLE: <0.01%
 STABILITY: <75ppm/°C
 VOLTAGE MONITOR: 0 to +10V, 0 to -10V
 OPERATING TEMP: 0 TO 45°C
 REGULATION: Line: <.005%
 Load: <.01%

OUTPUT CONNECTORS: BNC (250V,600VDC)
 SHV (1KV and Above)
 MATING CABLES: 1 cable per channel provided
 METER: Optional digital meters as shown above are available, consult factory

DIMENSIONS:

| RATING | CHANNELS | SIZE |
|-----------|---------------|-------------------|
| Up to 3KV | 1 | 6" x 5" x 3" |
| Up to 3KV | 2 or 3 | 10" x 8" x 5" |
| Up to 3KV | 4 | 10" x 14" x 5" |
| Up to 3KV | 5, 6, 7, or 8 | 17" x 19" x 5.25" |
| 5KV | 1 | 10" x 8" x 5" |
| 5KV | 2 | 10" x 14" x 5" |
| 5KV | 3 or 4 | 17" x 19" x 5.25" |
| 5KV | 5, 6, 7, or 8 | 17 x 19 x 10.5" |



GAMMA HIGH VOLTAGE RESEARCH INC.

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