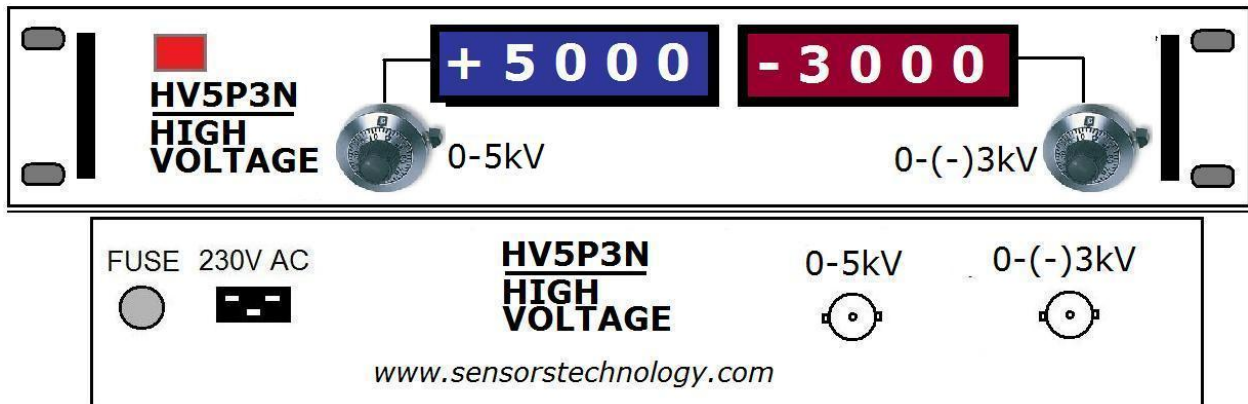


DUAL HIGH VOLTAGE POWER SUPPLY FOR MCP-CHENNELTRON

Specifications: MODEL HV5P3N

- Output Voltage #1: 0V to 5000V 500uA Positive Polarity
- Output Voltage #2: 0V to (-) 3000V 1mA Negative Polarity
- Noise: <10mV peak-peak in 5kV and <3mV peak-peak in 3kV
- Output Voltage Regulation: 0.001% load and line regulation
- Stability: 0.01%/Hr and 0.02%/8Hr
- Temperature Stability: 50ppm/°C
- Display Meter: 4-1/2 Digit Blue LED 0-5kV and 4-1/2 Digit Red LED for 0-(-)3kV
- Meter Accuracy: 1% of the full scale reading, 1V precision
- Output Connectors: SHV connectors for 5kV and 3kV HV outputs
- Voltage Setting: Two 10-turn potentiometers 0-5k Ohms, separate for 5kV and 3kV
- Power Switch: 230V AC power switch on front panel
- Fuse: 1A 230V rated slow blowing type safety-fuse on back panel
- Power Connector: Modular cable plug in type 230V 5A
- Internal Power Supplies: 24V DC, 12V DC, 5V DC for internal use
- Reference Voltages: 5V and 9V for internal use
- Case: 19 inch width, 2U height, and 365mm depth standard rack module, having perforated air passing blue top and bottom covers.
- Warranty: 12 months free repair at our factory
- Applications: MCP bias, Channel Electron Multiplier (Channeltron) bias, Ion Beam

Accessories: SHV Cable 1 meter long Model SHV-1M and 3 meter long Model SHV-3M



Note: Product design is proprietary of Sensors Technology Private Limited.

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