LOW COST DC POWER SUPPLY
Regulated 0.5 A, 1 A Fuse Protection

The MODEL BPS-005 Low Cost DC Power Supply is a regulated 0.5 A power supply that accepts 24 VAC input and provides an adjustable 1.5 to 29 VDC output. Output voltage adjustments are made using the on-board potentiometer while measuring the output with a multimeter. A compact snap track design allows the power supply to be surface mounted within a panel.

The MODEL BPS-015 Building Automation Power Supply is used to convert 24 VAC to a regulated DC power source for transmitters with 4 to 20 mA outputs. The output voltage can be field adjusted from 1.5 V to 27 V using a potentiometer. The 3 A fuse protects the power supply from over-current conditions. The snap-on bracket can be quickly surface mounted to any flat surface.

The MODEL SCD-PS DIN Rail DC Power Supply is a compact and economical solution for providing DC power to any Dwyer pressure, humidity, temperature, level or air velocity transmitters. Input voltage can range from 100 to 240 VAC, 50/60 Hz without any jumpers or dip switch selections. A plastic cover slides over the terminals in order to prevent shock from accidental touching of high voltage wires.

**SPECIFICATIONS**

- **MODEL BPS-005**
  - Input: 24 VAC/VDC 50/60 Hz.
  - Output: 24 VDC (full wave rectified and regulated) adjustable 1.5 to 29 VDC, 0.5 A max.
  - Maximum Current Output: 0.5 A
  - Over-Current Protection: 1 A fuse.
  - Operating Temperature: 32 to 130°F (0 to 55°C).
  - Humidity Limits: 95% (non-condensing).
  - Weight: 0.4 lb.
  - Agency Approvals: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

- **MODEL BPS-015**
  - Input: 24 VAC/VDC 50/60 Hz.
  - Output: 24 VDC (full wave rectified and regulated) adjustable 1.5 to 27 VDC.
  - Maximum Current Output: 1.5 A (de-rated to 400 mA for non-isolated circuits).
  - Operating Temperature: 32 to 131°F (0 to 55°C).
  - Humidity Limits: 95% (non-condensing).
  - Weight: 0.4 lb.

- **MODEL SCD-PS**
  - AC Input: 100 to 240 VAC, 50/60 Hz.
  - DC Output: 24 VDC (±3% VDC).
  - Maximum Current Output: 1 A.
  - Noise: Under 100 mVp-p typical at full load.
  - Temperature Limits: 32 to 131°F (0 to 55°C).
  - Weight: 5.6 oz (158 g).
  - Agency Approvals: CE, cULus.

**MODEL CHART**

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<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
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<td>Low cost DC power supply</td>
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