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TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

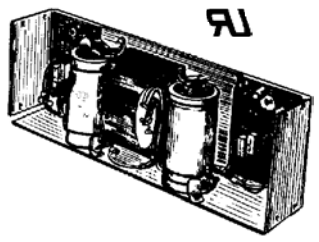
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## Linear 7.5 to 290 Watts of DC Power



**Standard Features**
- ► Adjustable Output Voltage
- ► Selectable Input 120/240 VAC, 50/60 Hz
- ► Temperature Compensated Circuitry
- ► Floating Outputs
- ► UL Recognized, CSA Certified
- ► Remote Sense
- ► Computer-Grade Capacitors
- ► 24 Month Warranty
- ► Quantity Pricing Always Available

**Optional Features**
- ► Overvoltage Protection Available

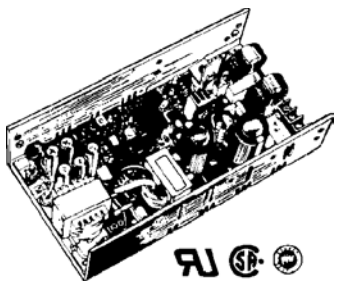
The SPS "Blue-Line" Series offers a total of 14 models to choose from. AC input voltage capabilities are 120/240 VAC, 50/60 Hz. The SPS Series is a time proven, durably designed open-frame power supply with industry standard voltages and currents.

**Single Output**

| Stock No. | Mfr.'s Type | Output | | EACH | |
|---|---|---|---|---|---|
| | | VDC | Amp | 1-4 | 5-24 |
| 923-5005 | SPS 155-0V* | 5 | 1.5 | 57.20 | 54.24 |
| 923-5010 | SPS 305-0V | 5 | 3.0 | 64.20 | 61.37 |
| 923-5075 | SPS 1512* | 12/15 | 1.5/1.2 | 57.20 | 54.24 |
| 923-5080 | SPS 3012 | 12 | 1.8 | 64.70 | 61.37 |
| 923-6015 | SPS 3015 | 15 | 1.6 | 64.70 | 61.37 |
| 923-6055 | SPS 302428 | 24/28 | 1.2/1.0 | 64.70 | 61.37 |
| 923-6065 | SPS 602428 | 24/28 | 2.5/2.0 | 131.00 | 124.09 |
| 923-6070 | SPS 1202428 | 24/28 | 6.0/5.0 | 195.00 | 184.38 |

*120 VAC operation only.

## 250 Watt Switcher

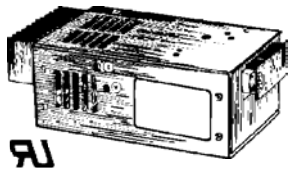


- ► MTBF 200,000 Hrs. Calculated Per MIL-217E
- ► Meets FCC and VDE Levels A Emission Standards
- ► Meets UL 1459 and 1950, CSA 22.2-220, IEC 950, EN60950 Licensed
- ► Automatic Input Voltage Range Selection (90-132/180-264)
- ► Power Fail/Remote Inhibit
- ► All Outputs Floating
- ► High Temperature Burn-In
- ► 20 Millisecond Minimum Hold-Up Time at Low Line, Full-Load
- ► In-Rush Current Limiting
- ► Remote Sense and Built-In OVP on Main 5 V Output
- ► Covers Optional
- ► Chassis Dimensions: 2.5" × 5.0" × 9.5", 3 Lb., 1 Oz.
- ► Quantity Pricing Always Available

| Stock No. | Mfr.'s Type | Output 1 (VDC/Amp) | EACH |
|---|---|---|---|
| | | | 1-4 |
| 923-1910 | 25A1-9100002 | 5 V @ 50 A | 340.00 |
| 923-1920 | 25A1-9200002 | 12 V @ 21 A | 340.00 |
| 923-1940 | 25A1-9400002 | 24 V @ 11 A | 340.00 |
| 923-1950 | 25A1-9500002 | 48 V @ 6 A | 340.00 |

[1]Quasi-regulated. [2]Fixed output (±4%). [3]8 APK for 50 ms.

## Linear Enclosed 30 to 500 Watts of DC Power



**Electrical Specifications**

**AC Input**
- ► Input Voltage: 115/230 VAC ±10%
- ► Frequency: 47-440 Hz (CPS 500 Series: 47-63 Hz Only)

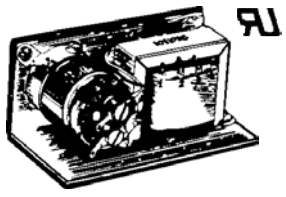
**DC Output**
- ► Output Voltage/Current: See Selection Chart
- ► Voltage Adjustment Range: ±10% Nominal
- ► Floating Outputs: All Models Have Floating, Independent Outputs
- ► Regulation (Line): ±0.1% Over Line
- ► Regulation (Load): ±0.1% No Load to Full Load
- ► Ripple and Noise: 0.1% Pk-Pk (20 MHz Bandwidth)
- ► Transient Response: Recovers in 50 Microseconds for 50% Load Change
- ► Short-Circuit Protection: Fold-Back Type Current Limiting, Factory Set for 120% Rated Load Maximum
- ► Remote Sense Connections Used in Both Local and Remote Mode Assure All Specifications
- ► Quantity Pricing Always Available

The CPS "Blue-Line" Series offers a total of 6 models in an enclosed design for maximum personal safety AC input voltage capabilities are 115/230 VAC at 47-440 Hz. (CPS 500-24/28 operates at 47-63 Hz).

| Stock No. | Mfr.'s Type | Output | | EACH | |
|---|---|---|---|---|---|
| | | VDC | Amp | 1-4 | 5-24 |
| 923-8110 | CPS 30-12 | 12 | 1.8 | 107.00 | 101.35 |
| 923-8120 | CPS 30-24/28[1] | 24/28 | 1.2 | 107.00 | 101.35 |
| 923-8125 | CPS 60-24/28[1] | 24/28 | 2.5 | 218.00 | 206.05 |
| 923-8130 | CPS 120-24/28[1] | 24/28 | 6.0 | 269.00 | 254.36 |
| 923-8135 | CPS 220-24/28[2] | 24/28 | 12.0 | 349.00 | 328.38 |
| 923-9950 | CPS 500-24/28[2] | 24/28 | 20.0 | 642.00 | 604.28 |

[1]POT adjustable 24-28 VDC (shipped with 24 V output). [2]Transformer tapped for 24 and 28 VDC operation (shipped with 24 V output).

## Linear Bulk Power DC Supplies



*High Reliability — Efficient Bulk Power*

- ► High Surge-Current Capabilities
- ► MTBF to 500,000 Hrs. Per MIL 271E
- ► Maximum Efficiency to 90%
- ► UL Recognized to UL 478
- ► FCC Level B EMI
- ► Floating Output
- ► Quantity Pricing Always Available

The "Black-Line" series is a low-cost alternative for many DC power applications where regulation is not needed . . . "raw power" without the bells and whistles but retaining high-quality components assures reliable performance in unregulated applications such as powering solenoids, DC motors, relays, lamps, and signal systems.

| Stock No. | Mfr.'s Type | Full Load (VDC) | Full Load (Amps) | EACH | |
|---|---|---|---|---|---|
| | | | | 1-4 | 5-24 |
| 923-7691 | 30B7H | 7.5 | 3.0 | 60.40 | 57.06 |
| 923-0910 | 60B7H | 7.5 | 6.0 | 88.00 | 82.78 |
| 923-6000 | 100B7H | 8.5 | 10.0 | 102.00 | 97.04 |
| 923-0931 | 30B12HA | 12.0 | 2.4 | 60.40 | 57.06 |
| 923-0935 | 60B12H | 12.0 | 4.8 | 88.00 | 82.78 |
| 923-0941 | 100B12HA* | 12.5 | 7.0 | 103.00 | 97.04 |
| 923-0945 | 200B12H | 12.5 | 15.0 | 121.00 | 114.13 |
| 923-0976 | 100B20HA* | 19.4 | 5.0 | 103.00 | 97.04 |
| 923-0980 | 200B20H | 20.0 | 10.0 | 121.00 | 114.13 |
| 923-0991 | 30B24HA | 26.5 | 1.2 | 60.40 | 57.06 |
| 923-0995 | 60B24H | 26.5 | 2.4 | 88.00 | 82.78 |
| 923-1000 | 100B24H | 25.5 | 3.5 | 103.00 | 97.04 |
| 923-1005 | 200B24H | 27.5 | 7.5 | 121.00 | 114.13 |
| 923-9924 | 750B24H | 26.7 | 30.0 | 342.00 | 323.00 |
| 923-1075 | 500B24H* | 24.6 | 20.0 | 186.00 | 173.61 |
| 923-9000 | 200B48H | 47.0 | 4.0 | 121.00 | 114.13 |
| 923-1100 | 500B48H | 48.4 | 10.0 | 184.00 | 173.61 |
| 923-9925 | 750B48H | 53.0 | 15.9 | 342.00 | 323.00 |

*CSA approved.

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