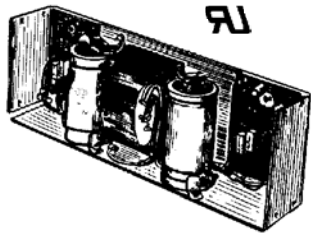


Linear 7.5 to 290 Watts of DC Power



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

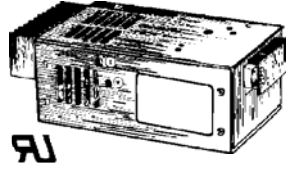


- ▶ MTBF 200,000 Hrs. Calculated Per MIL-217E
- ▶ Meets FCC and VDE Levels A Emission Standards
- ▶ Meets UL 1459 and 1950, CSA 22.2-220, IEC 950, EN60950 Licensed
- ▶ Automatic Input Voltage Range Selection (90-132/180-264)
- ▶ Power Fail/Remote Inhibit
- ▶ All Outputs Floating
- ▶ High Temperature 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" x 5.0" x 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

¹Quasi-regulated. ²Fixed output (±4%). ³8 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

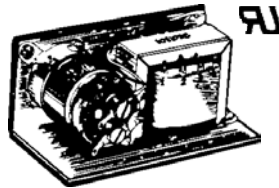
- ▶ Output Voltage/Current: See Selection Chart
- ▶ Voltage Adjustment Range: ±10% Nominal
- ▶ Floating Outputs: All Models Have Floating, Independent Outputs
- ▶ Regulation (Line): ±0.1% Over Line
- ▶ Regulation (Load): ±0.1% No Load to Full Load
- ▶ Ripple and Noise: 0.1% Pk-Pk (20 MHz Bandwidth)
- ▶ 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

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

Linear Bulk Power DC Supplies



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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
923-0924	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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