

## Mini DC Power Supply

- ▶ Small Profile: 0.75" x 3.75" x 4.50" Allows the Unit to be Used Virtually Anywhere
- ▶ Green LED Status Indicator
- ▶ Electronic Overload and Continuous Short-Circuit Protection
- ▶ Output Voltage/Current: 24 VDC/0.65 A
- ▶ Parallel Connection Allows Unit to Be Connected in Redundancy
- ▶ Operating Temperature: -25°C to +60°C
- ▶ In-Rush Current: <7 A

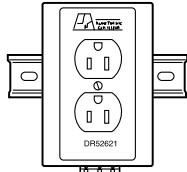
**NEW**

- ▶ Rated Input Voltage: 100-240 VAC; 110-350 VDC
- ▶ Input Voltage Operating Range: 85-264 VAC; 50-350 VDC

Consuming only 3/4" of DIN-rail space, Acme's profile power supply is the solution when space saving is critical. With auto-ranging inputs for operation on any common AC or DC network, it allows this unit to be used almost anywhere. This unit offers standard 24 VDC output and up to 1 1/4 times the nominal current.

923-6050, DR120230-15.....EACH 168.76

## DIN Rail Mounted Duplex Receptacle



- ▶ Vertical or Horizontal Mounting
- ▶ Snap On Foot Provides Fast Installation
- ▶ Fits on 35 mm Wide DIN Rail
- ▶ Ground Prong Reversed for Greater Protection
- ▶ Proven Screw Clamp Connection Via Touch Proof Terminal Blocks
- ▶ Ground Fault Interruption Available On DRGF52621 (15 Amp-GFI)

Technical Data. Rated Voltage: 120 VAC. Rated Current: 15 A. Maximum Wire Size: #10 AWG. Housing Data. Color: Ivory. Material: PVC S4V-0. Maximum Temperature: 70°C. Dimensions: 5.33" L x 3.25" W x 2.45" D (135.38 x 82.55 x 62.23 mm).

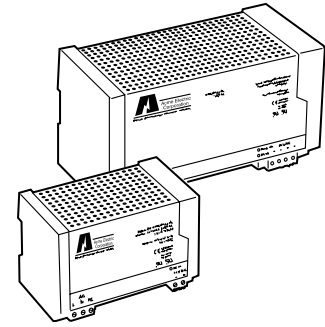
923-0281, DR52621, 15 Amp.....EACH 37.82  
923-0282, DRGF52621, 15 Amp-GFI.....EACH 62.46

## DIN Rail Mounted Switching Power Supplies

- Features
- ▶ Pluggable Connections
  - ▶ Primary Switching Technology
  - ▶ Economic Price Structure
  - ▶ Local Output Status Indication
  - ▶ DIN-Rail Mounted
  - ▶ Fully Enclosed Design
  - ▶ UL 508 Listed
  - ▶ 24 VDC Output
  - ▶ Single Phase Configurations
  - ▶ Electronic Overload Protection

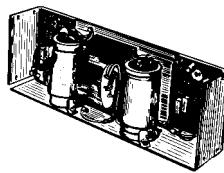
- Benefits
- ▶ Fast, Easy Wiring Decisions
  - ▶ Efficiencies >86%
  - ▶ Complies with Emerging European Directives
  - ▶ Appeals to All Industry Segments
  - ▶ Simplifies Troubleshooting Effort
  - ▶ Ease of Installation
  - ▶ Touch Safe
  - ▶ Can Be Used at Full Rated Power in UL Cabinets
  - ▶ Ready for European Markets (CE Mark)
  - ▶ Power Factor Correction Option
  - ▶ MTBF (Mean Time Between Failure) >500,000 Hours

These power supplies utilize primary switching technology for efficient energy use. They are mounted on a standard DIN-rail, completely touch safe and have pluggable connections. The power supply is equipped with an LED for local status indication. When the LED is lit, 24 VDC output power is functional. This power supply has a high efficiency rating at >86% with low heat dissipation. The output ripple is 150 mV peak-peak. The power supply has been designed in a package compatible with other modules mounted in the control panel. This will allow for maximum space savings on the DIN-rail as well as the entire cabinet. All sizes offered can be wired in parallel for redundancy, the 10 amp can be wired in parallel for increased ampacity. Input Voltage: 120 VAC — Range 93-132 VAC; 230 VAC — Range 187-264 VAC. Output Voltage: 24 VDC (22.5-28.5 VDC) ±3%.



Stock No.	Mfr.'s Type	Input Volts AC	Output Volts DC	Output Amps	Overall Dimensions H x D x W	Weight (Lbs.)	EACH	
							1-4	5-24
923-0200	DR120241	93-132	24	1.0	3.43 x 3.07 x 4.02	1.0	138.99	129.10
923-0210	DR1202425	93-132	24	2.5	3.43 x 3.07 x 5.55	1.8	159.61	148.20
923-0215	DR2302425	187-264	24	2.5	3.43 x 3.07 x 5.55	1.8	168.01	156.00
923-0220	DR120245	93-132	24	5.0	3.43 x 3.07 x 7.09	2.4	258.60	240.00
923-0230	DR1202410	93-132	24	10.0	4.92 x 4.53 x 7.09	3.1	375.56	348.00
923-0235	DR2302410	187-264	24	10.0	4.92 x 4.53 x 7.09	3.1	375.56	348.00

## Linear 7.5 to 290 Watts of DC Power



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.

### Standard Features

- ▶ Adjustable Output Voltage
- ▶ Selectable Input 120/240 VAC, 50/60 Hz
- ▶ Temperature Compensated Circuitry
- ▶ Floating Outputs
- ▶ UL Recognized, CSA Certified
- ▶ Remote Sense

### Standard Features (Continued)

- ▶ Computer-Grade Capacitors
- ▶ 24-Month Warranty
- ▶ Quantity Pricing Always Available

### Optional Features

- ▶ Overvoltage Protection Available

### Single Output

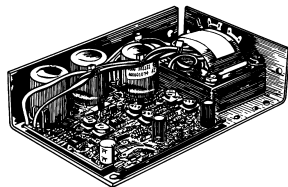
Stock No.	Mfr.'s Type	Output		EACH	
		VDC	Amp	1-4	5-24
923-5080	SPS 3012	12	1.8	66.69	63.25
923-6055	SPS 302428	24/28	1.2/1.0	70.20	66.58
923-6065	SPS 602428	24/28	2.5/2.0	142.08	134.58
923-6070	SPS 1202428	24/28	6.0/5.0	211.25	199.75
923-9820	SPS 6012	12	5.0	149.08	144.63
923-5030	SPS 12012	12	10.0	239.70	221.26
923-5031	SPS 152428	24/28	0.8/0.6	70.55	65.12

\*120 VAC operation only.

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## Regulated Linear Power Supplies

- ▶ Worldwide AC Input Range
- ▶ Worldwide Safety Standards
- ▶ UL, CSA, TUV Approved, and CE Listed
- ▶ Industry Standard Package
- ▶ Built-In OVP on 5 V Output
- ▶ Optional OVP for Other Outputs
- ▶ Overload Protection with Automatic Recovery
- ▶ 100% Burn-In



### Specifications

AC Input Voltage. Input Voltage: 100/120/220/230/240 selectable. Frequency Range: 47-63 Hz typical, 60 Hz; 10% derated output current for 50 Hz. Transient Response: 50 msec. at 50% load changes. DC Output. DC Output Adjustment Range: ±5%, min. Line Regulation: ±0.05% for 10% line change. Load Regulation: ±0.05% for 50% load change. Ripple: 3.0 mV P-P, max. Overvoltage Protection: Standard on all 5 V output; factory set at 6.2 V ±0.4 V; other outputs use optional OVP. Remote Sensing: Provided on main outputs; refer to output rating chart. General. Stability: ±0.05% for 24 hours after warm-up. Operating Temperature: 0° to 50°C derate to 40% at +70°C. Temperature Coefficient: ±0.01%/°C, typical. EMI/RFI: Inherently low conducted and radiated noise levels; meet requirements of FCC Class B and VDE 0871 Class B. Overload Protection: Automatic current limit/foldback. Safety Specification: Recognized to UL, CSA and TUV.

### Dimensions

Case	Inches		mm		Weight (Lbs.)
	L x W x H		L x W x H		
A	3.99 x 4.84 x 2.37		101.35 x 122.94 x 60.20		2.43
B	5.62 x 4.87 x 3.33		142.75 x 123.70 x 84.59		4.00
C	7.00 x 4.87 x 3.81		177.80 x 123.70 x 96.78		7.28
I	9.00 x 4.87 x 3.72		228.60 x 123.70 x 94.49		7.50
J	14.00 x 4.87 x 3.53		355.60 x 123.70 x 89.67		10.00

Stock No.	Mfr.'s Type	Watts	Output 1		Case	EACH	
			VDC	Amps		1-4	5-24
923-9640	SPWS-53-OV	15	5	3.0*	A	47.12	44.76
923-9652	SPWS-1217	20	12	1.7*	A	44.77	42.52
923-9663	SPWS-2412	28	24	1.2*	A	47.14	44.77
923-9664	SPWS-2424	57	24	2.4*	B	65.53	61.91
923-9665	SPWS-2436	86	24	3.6*	C	96.53	91.23
923-9666	SPWS-2448	115	24	4.8*	I	140.89	133.03
923-9667	SPWS-2472	172	24	7.2*	J	166.30	156.12

\*With remote sense. †Isolated output.

## Linear Bulk Power DC Supplies

**NEW**

### 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	Typical VDC Output (@ 115 VAC IN)			Amps Full Load	EACH	
		No Load	Half Load	Full Load		1-4	5-24
923-5000	15B7HA	11.2	8.7	7.4	1.8	59.33	54.77
923-5001	15B12HA	16.4	13.8	11.2	1.2	59.33	54.77
923-5002	15B16HA	22.1	19.0	16.7	0.9	59.33	54.77
923-5003	15B24HA	32.0	28.0	25.0	0.6	59.33	54.77
923-5004	30B7HA	11.0	9.1	7.9	3.0	74.29	68.58
923-0931	30B12HA	16.0	13.3	11.5	2.4	65.53	61.91
923-5006	30B20HA	26.4	22.9	20.4	1.5	74.29	68.58
923-0991	30B24HA	33.4	29.1	25.7	1.2	59.11	55.84
923-5007	60B7HA	10.2	8.4	7.5	6.0	107.61	99.33
923-5008	60B12HA	15.8	13.4	12.0	4.8	107.61	99.33
923-5009	60B20HA	25.0	21.9	20.0	3.0	107.61	99.33
923-5011	60B24HA	30.4	26.8	24.6	2.4	107.61	99.33
923-5012	100B7HA	10.6	8.8	7.9	10.0	126.31	116.59
923-0941	100B12HA	14.8	12.9	11.7	7.0	117.61	110.78
923-0976	100B20HA	23.3	20.8	19.3	5.0	111.73	105.26
923-5013	100B24HA	30.6	27.5	25.4	3.5	126.31	116.59
923-5014	100B48HA	56.3	51.0	47.9	1.8	120.00	110.77
923-5015	200B7HA	12.3	9.5	8.2	20.0	148.41	136.99
923-0945	200B12HA	15.4	12.5	11.3	15.0	124.57	117.50
923-5016	200B20HA	26.8	22.5	20.3	10.0	148.41	136.99
923-5017	200B24HA	34.4	29.5	27.1	7.5	148.41	136.99
923-9000	200B48HA	58.9	48.2	46.5	4.0	131.12	123.68
923-5018	500B24HA	31.0	28.4	26.7	20.0	226.10	208.71
923-1105	500B48HA	59.7	50.2	47.8	10.0	199.68	188.42
923-5019	750B24HA	33.3	27.7	25.5	30.0	419.90	387.60
923-5020	750B48HA	58.5	49.7	48.5	15.0	419.90	387.60