

Acopian Power Supplies

Gold Box LINEAR REGULATED AC-DC single output Series A & B

- Shipped Within 3 Days
- All Models U.L. Recognized
- CE Certified
- Five Year Warranty

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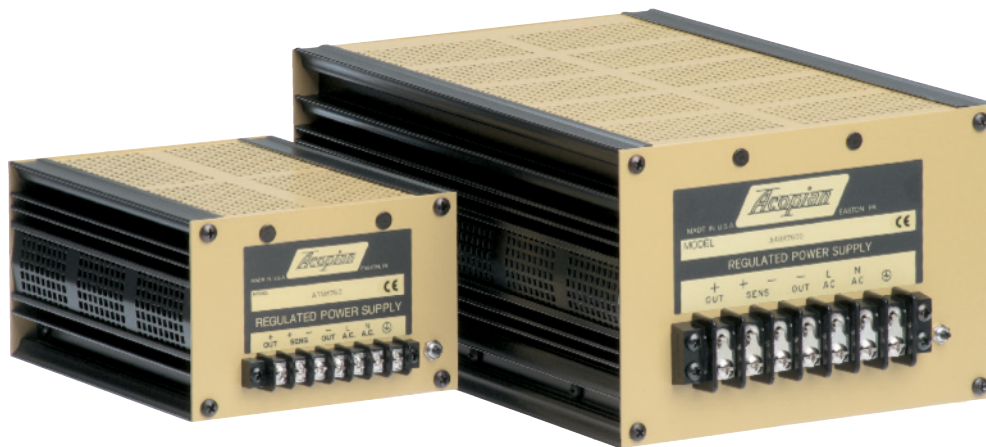
LINEAR REGULATED AC-DC

Gold Box SINGLE OUTPUT

LINEAR REGULATED
AC-DC

SERIES A (High Performance)

- Shipped Within 3 Days
- All Models U.L. Recognized
- Five Year Warranty



SERIES A: HIGH PERFORMANCE POWER SUPPLIES

Series A power supplies offer unusually high performance—many models have regulation of $\pm 0.005\%$. Electronic current limiting and provision for remote voltage sensing are standard features; overvoltage protection is available as a built-in option. Rugged extruded aluminum cases include threaded mounting holes on bottom, back, and side, permitting mounting in any position.

STANDARD FEATURES

- Provision for remote sensing and/or external output adjustment
- Short circuit proof with automatic recovery (electronic current limiting)
- Can be mounted on any of three surfaces (case sizes H8, H11 and H16; two surfaces)

SPECIFICATIONS

Input Voltage: 105-125 VAC, 50-400 Hz, single phase.

Output Specifications: See pages F15 and F16. Series A supplies have model numbers beginning with the letter A.

Remote Voltage Adjustment/Sensing: Provision for sensing the output voltage across the load, so that drops in the load line are compensated, is a standard feature. This feature also permits the use of an externally located potentiometer to adjust output voltage.

Polarity: Output is floating; either positive or negative terminal may be grounded or floated up to 300 volts above ground.

Temperature Coefficient: 0.015%/°C (Typical).

Ambient Operating Temperature: -20 to +71°C.

Storage Temperature: -55 to +85°C.

Response Time: Less than 20 microseconds.

OPTIONS

Under/Overvoltage Alarm Contacts: To control a horn or light, or to signal your PLC. Available on models with nominal outputs of 5 Vdc to 125 Vdc. SPDT contacts switch if the power supply's output deviates by

1.0 volt or more: 5 volt models.

2.0 volts or more: 6 to 48 volt models.

3.0 volts or more: 50 to 125 volt models.

Contact ratings: 120 VAC, 8A / 60 Vdc, 1A. (To comply with SELV requirements, limit switched voltage to 60Vdc/42 VAC.) To order, add suffix "L" to model number and \$35.00 to price. Models with this option are not yet UL Recognized/CE certified.

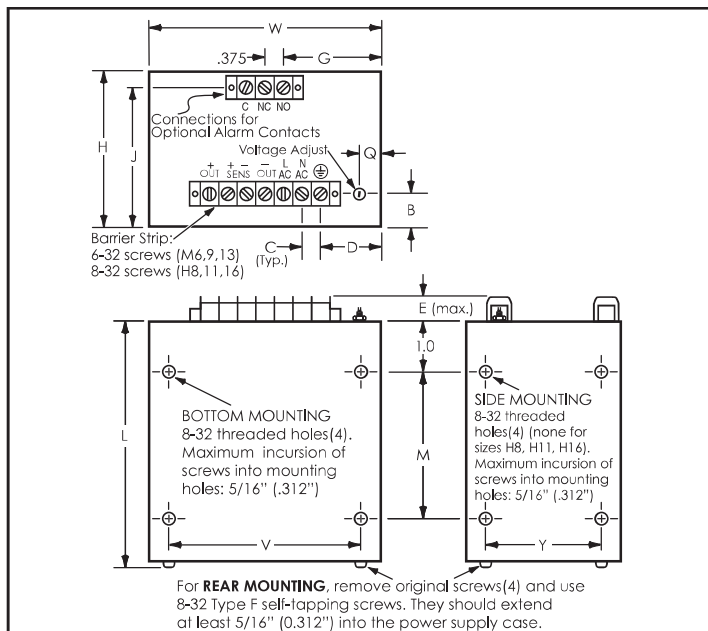
Overvoltage Protection: An internal preset overvoltage protector is available. To order, add prefix "V" to the model number, and increase standard price as follows:

Outputs of	1.5-70V	75-150V
All case sizes except H16 . . .	\$25.00	\$35.00
Case size H16	\$75.00	\$85.00

Terminal Strip Cover: Clips on. To order, add suffix "M" to model number and \$5.00 to price.

230 Volt Input: All models can be alternately furnished for operation on inputs of 210-250 VAC, 50-400 Hz. To order, add suffix "-230" to model number and \$25.00 to price. (For models in case sizes H8, H11 and H16, add \$40.00.) The "-230" option requires two additional days.

Mounting: Threaded mounting holes permit mounting to a chassis, cabinet wall or bracket. To mount from the power supply side of the mounting surface or for DIN rail mounting, see accessory Mounting Kits on page H3.



Case Size	L	W	H	M	V	Y	Q	B	E	C	D	G	J	Approx. Weight
M6	6.59	5.12	3.44	4.0	4.5	3.0	.5	.75	.58	.375	1.44	2.19	3.09	4 lb. 4 oz.
M9	9.25	5.12	3.44	6.0	4.5	3.0	.5	.75	.58	.375	1.44	2.19	3.09	7 lb. 4 oz.
M13	13.25	5.12	3.44	10.0	4.5	3.0	.5	.75	.58	.375	1.44	2.19	3.09	11 lb.
H8	8.75	7.37	5.12	6.0	6.75	4.56	1.12	1.25	.78	.562	2.25	3.57	4.72	15 lb. 8 oz.
H11	11.25	7.37	5.12	8.0	6.75	4.56	1.12	1.25	.78	.562	2.25	3.57	4.72	18 lb. 4 oz.
H16	16.00	7.37	5.12	11.0	6.75	4.56	1.12	1.25	.78	.562	2.25	3.57	4.72	26 lb.

All dimensions in inches.





Gold Box SINGLE OUTPUT LINEAR REGULATED AC-DC

SERIES B (General Purpose)

- Shipped Within 3 Days
- All Models U.L. Recognized
- Five Year Warranty

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SERIES B: GENERAL PURPOSE POWER SUPPLIES

Series B power supplies are ideal for powering digital circuitry, test sets, instrument bridges, and process control transmitters. Many models have regulation of $\pm 0.1\%$ or better. All components are generously derated to insure a long and trouble-free life, and they use the same rugged construction as the Series A line. Overvoltage protection and other options are available.

STANDARD FEATURES

- Short circuit proof (electronic current limiting)
- May be mounted on any of three surfaces
- Completely serviceable

SPECIFICATIONS

Input Voltage: 105-125 VAC, 50-400 Hz, single phase.

Output Specifications: See pages F15 and F16. Series B supplies have model numbers beginning with the letter B.

Remote Voltage Adjustment/Sensing: Available as an option. See below.

Polarity: Output is floating; either positive or negative terminal may be grounded or floated up to 300 volts above ground.

Temperature Coefficient: 0.02%/°C (Typical).

Ambient Operating Temperature: 0 to +71°C.

Storage Temperature: -55 to +85°C.

OPTIONS

Under/Overvoltage Alarm Contacts: To control a horn or light, or to signal your PLC. Available on models with nominal outputs of 5 Vdc to 125 Vdc. SPDT contacts switch if the power supply's output deviates by

- 1.0 volt or more: 5 volt models.
- 2.0 volts or more: 6 to 48 volt models.
- 3.0 volts or more: 50 to 125 volt models.

Contact ratings: 120 VAC, 8A / 60 Vdc, 1A. (To comply with SELV requirements, limit switched voltage to 60Vdc/42 VAC.) To order, add suffix "L" to model number and \$35.00 to price. Models with this option are not yet UL Recognized/CE certified.

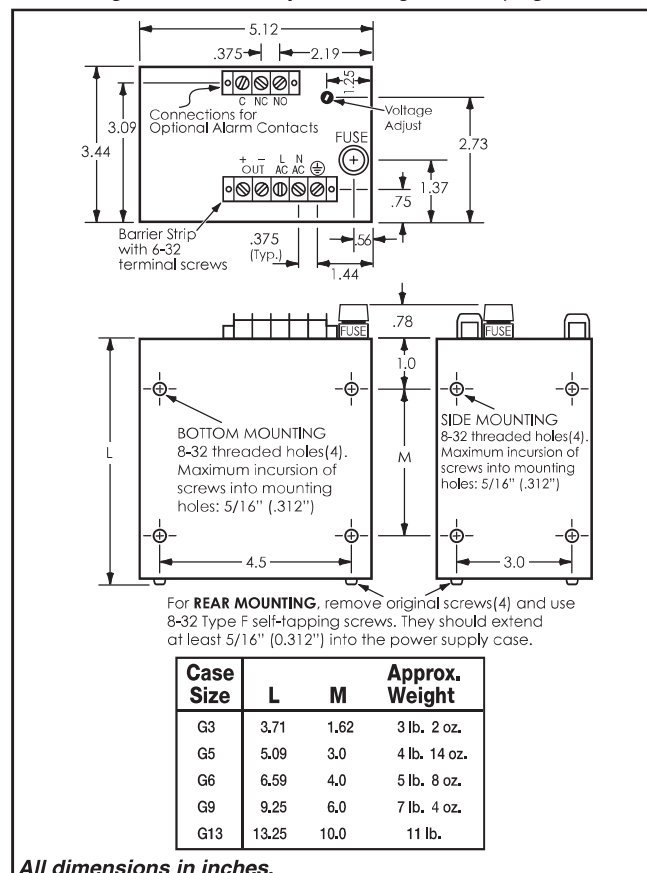
Overvoltage Protection: An internal preset overvoltage protector is available. To order, add prefix "V" to the model number, and add \$25.00 to the standard price of models with outputs of 1.5 to 70 volts; \$35.00, for 75 to 200 volt outputs.

Remote Voltage Sensing: Provision for sensing the output voltage across the load, so that drops in the load lines are compensated, is available on all models. (This option also permits the use of an externally located potentiometer to adjust output voltage.) To order, add prefix "R" to the model number. No increase in price.

Terminal Strip Cover: Clips on. To order, add suffix "M" to model number and \$5.00 to price.

230 Volt Input: All models can be alternately furnished for operation on inputs of 210-250 VAC, 50-400 Hz. To order, add suffix "-230" to model number and \$25.00 to price. The "-230" option requires two additional days.

Mounting: Threaded mounting holes permit mounting to a chassis, cabinet wall or bracket. To mount from the power supply side of the mounting surface or for DIN rail mounting, see accessory Mounting Kits on page H3.



All dimensions in inches.

SERIES A & B

LINEAR REGULATED AC-DC

Nominal Output Voltage	Adj-just ±V	Output Current Amps. at			Regulation		Ripple mV RMS	(\$)	Model	Case Size
		40°C	55°C	71°C	Load ± %*	Line ± %*				
1.5	.5	6.0	4.3	3.5	.005	.005	.250	305	A1.5MT600	M6
1.5	.5	9.0	7.2	5.5	.005	.005	.250	350	A1.5MT900	M9
1.5	.5	12.0	10.0	8.0	.005	.005	.250	410	A1.5MT1200	M13
1.5	.5	22.0	18.5	15.5	.005	.005	.250	500	A1.5H2200	H11
1.5	.5	32.0	27.0	22.5	.005	.005	.250	595	A1.5H3200	H16
2	.5	6.0	4.3	3.5	.005	.005	.250	305	A2MT600	M6
2	.5	12.0	10.0	8.0	.005	.005	.250	410	A2MT1200	M13
3	.5	.500	.500	.500	.2	.1	1	155	B3G50	G3
3	.5	1.2	1.1	1.0	.2	.1	1	185	B3G120	G3
3	.5	2.1	2.1	2.0	.5	.1	1	210	B3G210	G5
3	.5	4.0	3.5	3.0	.5	.1	1.5	255	B3G400	G6
3	.5	6.0	4.3	3.5	.005	.005	.250	305	A3MT600	M6
3	.5	9.0	7.2	5.5	.005	.005	.250	350	A3MT900	M9
3	.5	12.0	10.0	8.0	.005	.005	.250	410	A3MT1200	M13
3	.5	17.0	14.5	12.0	.005	.005	.250	445	A3H1700	H8
3	.5	20.0	16.5	13.5	.005	.005	.250	500	A3H2000	H11
3	.5	30.0	25.0	20.0	.005	.005	.250	595	A3H3000	H16
3.3	.5	.500	.500	.500	.2	.1	1	155	B3.3G50	G3
3.3	.5	1.2	1.1	1.0	.2	.1	1	185	B3.3G120	G3
3.3	.5	2.1	2.1	2.0	.5	.1	1	210	B3.3G210	G5
3.3	.5	4.0	3.5	3.0	.5	.1	1.5	255	B3.3G400	G6
3.3	.5	6.0	4.3	3.5	.005	.005	.250	305	A3.3MT600	M6
3.3	.5	7.0	5.9	4.9	.5	.1	1.5	310	B3.3G700	G9
3.3	.5	9.0	7.2	5.5	.005	.005	.250	355	A3.3MT900	M9
3.3	.5	12.0	10.0	8.0	.005	.005	.250	410	A3.3MT1200	M13
3.3	.5	17.0	14.5	12.0	.005	.005	.250	445	A3.3H1700	H8
3.3	.5	22.0	18.5	15.5	.005	.005	.250	500	A3.3H2200	H11
3.3	.5	32.0	27.0	22.5	.005	.005	.250	595	A3.3H3200	H16
5	.5	.500	.500	.500	.1	.1	1	155	B5G50	G3
5	.5	1.2	1.1	1.0	.1	.1	1	185	B5G120	G3
5	.5	1.7	1.5	1.3	.2	.1	1.5	200	B5G170	G3
5	.5	2.1	2.1	2.0	.2	.1	1.5	210	B5G210	G5
5	.5	4.0	3.5	3.0	.3	.1	1.5	245	B5G400	G6
5	.5	5.0	4.4	3.0	.4	.1	1.5	260	B5G500	G6
5	.5	5.1	3.6	2.6	.005	.005	.250	290	A5MT510	M6
5	.5	6.0	4.3	3.5	.005	.005	.250	310	A5MT600	M6
5	.5	8.0	7.0	5.0	.4	.1	1.5	320	B5G800	G9
5	.5	9.0	7.2	5.5	.005	.005	.250	355	A5MT900	M9
5	.5	10.0	9.0	7.0	.4	.1	1.5	360	B5G1000	G13
5	.5	12.0	10.0	8.0	.005	.005	.250	410	A5MT1200	M13
5	.5	17.0	14.5	12.0	.005	.005	.250	445	A5H1700	H8
5	.5	22.0	18.5	15.0	.005	.005	.250	500	A5H2200	H11
5	.5	32.0	27.0	22.0	.005	.005	.250	595	A5H3200	H16
6	1	.500	.500	.500	.1	.1	1	155	B6G50	G3
6	1	1.2	1.1	1.0	.1	.1	1	185	B6G120	G3
6	.5	1.7	1.5	1.3	.2	.1	1.5	200	B6G170	G3
6	.5	3.2	3.1	3.0	.3	.1	1.5	240	B6G320	G6
6	.5	4.9	3.5	2.5	.005	.005	.250	260	A6MT490	M6
6	.5	6.0	4.5	3.5	.005	.005	.250	300	A6MT600	M6
6	.5	8.5	7.5	5.2	.005	.005	.250	355	A6MT850	M9
6	.5	11.0	9.3	7.5	.005	.005	.250	410	A6MT1100	M13
6	.5	16.0	13.6	11.2	.005	.005	.250	450	A6H1600	H8
6	.5	21.0	17.0	14.0	.005	.005	.250	505	A6H2100	H11
6	.5	28.0	23.0	19.0	.005	.005	.250	595	A6H2800	H16
7	1	.500	.500	.500	.1	.05	1	160	B7G50	G3
7	1	1.0	1.0	1.0	.1	.1	1	200	B7G100	G3
7	.5	2.0	2.0	2.0	.2	.1	1.5	220	B7G200	G5
7	.5	3.0	2.7	2.5	.3	.1	1.5	250	B7G300	G6
7	.5	5.0	4.0	3.0	.005	.005	.250	300	A7MT500	M6
7	.5	6.5	5.2	4.0	.4	.1	1.0	310	B7G650	G9
7	.5	8.0	6.5	5.0	.005	.005	.250	360	A7MT800	M9
7	.5	10.0	8.0	7.0	.4	.1	1.5	370	B7G1000	G13
7	.5	10.0	8.8	7.0	.005	.005	.250	410	A7MT1000	M13
8	1	.500	.500	.500	.1	.05	1	160	B8G50	G3
8	1	1.0	1.0	1.0	.1	.1	1	200	B8G100	G3
8	.5	2.0	2.0	2.0	.2	.1	1.5	220	B8G200	G5
8	.5	3.0	2.7	2.5	.2	.1	1.5	250	B8G300	G6
8	.5	5.0	4.0	3.5	.005	.005	.250	300	A8MT500	M6
8	.5	6.5	5.2	4.0	.3	.1	1.5	325	B8G650	G9
8	.5	8.0	6.5	5.0	.005	.005	.250	360	A8MT800	M9
8	.5	10.0	8.0	7.0	.4	.1	1.5	370	B8G1000	G13
8	.5	10.5	8.8	7.0	.005	.005	.250	410	A8MT1050	M13
8	.5	20.0	16.8	13.5	.005	.005	.250	530	A8H2000	H11
8	.5	28.0	23.0	19.0	.005	.005	.250	595	A8H2800	H16
9	1	.500	.500	.500	.1	.05	1	160	B9G50	G3
9	1	1.0	1.0	1.0	.1	.1	1	200	B9G100	G3
9	.5	2.0	2.0	2.0	.2	.1	1.5	220	B9G200	G5
9	.5	3.0	2.7	2.5	.2	.1	1.5	250	B9G300	G6
9	.5	6.5	5.2	4.0	.3	.1	1.5	325	B9G650	G9
9	.5	10.0	8.3	7.0	.005	.005	.250	410	A9MT1000	M13

*or 2 mv, whichever is greater

Nominal Output Voltage	Adj-just ±V	Output Current Amps. at			Regulation		Ripple mV RMS	(\$)	Model	Case Size
		40°C	55°C	71°C	Load ± %*	Line ± %*				
10	1	.500	.500	.500	.1	.05	1	155	B10G50	G3
10	1	1.0	1.0	1.0	.1	.1	1	185	B10G100	G3
10	.5	2.0	2.0	2.0	.2	.1	1.5	220	B10G200	G5
10	.5	3.0	2.7	2.5	.2	.1	1.5	250	B10G300	G6
10	.5	4.5	3.6	2.7	.005	.005	.250	300	A10MT450	M6
10	.5	6.0	5.0	4.0	.3	.1	1.5	325	B10G600	G9
10	.5	7.5	6.0	4.5	.005	.005	.250	365	A10MT750	M9
10	.5	10.0	8.3	7.0	.4	.1	1.5	370	B10G1000	G13
10	.5	10.0	8.3	7.0	.005	.005	.250	410	A10MT1000	M13
10	.5	14.0	11.9	9.8	.005	.005	.250	475	A10H1400	H8
10	.5	18.0	15.0	12.0	.005	.005	.250	530	A10H1800	H11
10	.5	25.0	20.0	16.5	.005	.005	.250	595	A10H2500	H16
12	1	.500	.500	.500	.1	.05	1	155	B12G50	G3
12	1	1.0	1.0	1.0	.1	.1	1	185	B12G100	G3
12	.5	2.0	1.7	1.5	.2	.1	1.5	215	B12G200	G5
12	.5	3.0	2.7	2.5	.2	.1	1.5	245	B12G300	G6
12	.5	3.8	3.3	2.6	.2	.1	1.5	255	B12G380	G6
12	.5	4.0	3.3	2.6	.005	.005	.250	295	A12MT400	M6
12	.5	6.5	5.3	4.0	.3	.1	1.5	325	B12G650	G9
12	.5	6.5	5.3	4.0	.005	.005	.250	360	A12MT650	M9
12	.5	9.0	7.5	6.0	.4	.1	1.5	370	B12G900	G13
12	.5	9.0	7.5	6.0	.005	.005	.250	410	A12MT900	M13
12	.5	13.0	11.0	9.1	.005	.005	.250	475	A12H1300	H8
12	.5	17.0	14.3	11.5	.005	.005	.250	530	A12H1700	H11
12	.5	21.0	17.5	14.5	.005	.005	.250	595	A12H2100	H16
13	1	.500	.500	.500	.1	.05	1	175	B13G50	G3
13	1	1.5	1.4	1.3	.1	.1	1.5	215	B13G150	G3
13	.5	2.0	2.0	2.0	.2	.1	1.5	240	B13G200	G5
13	.5	3.0	2.7	2.5	.2	.1	1.5	260	B13G300	G6
13	.5	3.5	3.0	2.5	.005	.005	.250	300	A13MT350	M6
13	.5	5.0	4.5	4.0	.2	.1	1.5	320	B13G500	G9
13	.5	8.0	7.5	7.0	.3	.1	1.5	370	B13G800	G13
13	.5	8.0	7.5	7.0	.005	.005	.250	410	A13MT800	M13
14	1	.500	.500	.500	.1	.05	1	175	B14G50	G3
14	1	1.5	1.4	1.3	.1	.1	1.5	215	B14G150	G3
14	.5	2.0	2.0	2.0	.2	.1	1.5	240	B14G200	G5
14	.5	3.0	2.7	2.5	.2	.1	1.5	260	B14G300	G6
14	.5	3.0	2.7	2.5	.005	.005	.250	295	A14MT300	M6
14	.5	5.0	4.5	4.0	.2	.1	1.5	310	B14G500	G9
14	.5	7.0	6.5	6.0	.3	.1	1.5	370	B14G700	G13
14	.5	8.0	7.5	7.0	.005	.005	.250	410	A14MT800	M13
15	1	.750	.750	.750	.1	.1	1	180	B15G75	G3
15	1	1.0	1.0	1.0	.1	.1	1	185	B15G100	G3
15	1	1.5	1.4	1.3	.1	.1	1.5	205	B15G150	G3
15	.5	2.0	1.7	1.5	.1	.1	1.5	220	B15G200	G5
15	.5	3.0	2.8	2.5	.1	.1	1.5	250	B15G300	G6
15	.5	3.0	2.8	2.5	.005	.005	.250	270	A15MT300	M6
15	.5	4.2	3.8	3.0	.15	.1	1.5	295	B15G420	G9
15	.5	5.5	4.7	4.0	.005	.005	.250	360	A15MT550	M9
15	.5	6.0	5.0	4.0	.2	.1	1.5	350	B15G600	G9
15	.5	7.0	6.0	5.0	.2	.1	1.5	370	B15G700	G13
15	.5	8.0	6.5	5.5	.005	.005	.250	410	A15MT800	M13

SERIES A & B

Nominal Output Voltage	Adj-just ±V	Output Current Amps. at			Regulation		Ripple mV RMS	(\$)	Model	Case Size
		40°C	55°C	71°C	Load ± %	Line ± %				
24	1	.300	.300	.300	.05	.05	1	140	B24G30	G3
24	1	.750	.750	.750	.1	.05	1	185	B24G75	G3
24	1	1.1	1.1	1.0	.1	.1	1.5	205	B24G110	G5
24	.5	1.7	1.7	1.5	.1	.1	1.5	220	B24G170	G5
24	.5	2.1	2.0	2.0	.1	.1	1.5	245	B24G210	G5
24	.5	2.1	2.0	2.0	.005	.005	.250	285	A24MT210	M6
24	.5	3.5	3.0	2.5	.15	.1	1.5	305	B24G350	G9
24	.5	3.5	3.0	2.5	.005	.005	.250	360	A24MT350	M9
24	.5	5.0	5.0	5.0	.15	.1	1.5	370	B24G500	G13
24	.5	5.5	5.0	4.5	.005	.005	.250	410	A24MT550	M13
24	.5	8.5	7.2	5.9	.005	.005	.250	475	A24H850	H8
24	.5	12.0	10.5	9.0	.005	.005	.250	530	A24H1200	H11
24	.5	15.0	13.0	11.0	.005	.005	.250	595	A24H1500	H16
25	1	.300	.300	.300	.05	.05	1	160	B25G30	G3
25	1	.750	.750	.750	.1	.05	1	190	B25G75	G3
25	1	1.1	1.1	1.1	.1	.1	1.5	215	B25G110	G5
25	.5	1.7	1.7	1.5	.1	.1	1.5	250	B25G170	G5
25	.5	2.1	2.1	2.0	.1	.1	1.5	255	B25G210	G5
25	.5	3.5	3.0	2.5	.15	.1	1.5	310	B25G350	G9
25	.5	5.0	5.0	5.0	.15	.1	1.5	380	B25G500	G13
28	1	.300	.300	.300	.05	.05	1	160	B28G30	G3
28	1	.500	.500	.500	.05	.05	1	180	B28G50	G3
28	1	.800	.800	.800	.1	.05	1	190	B28G80	G5
28	1	1.1	1.1	1.0	.1	.05	1	210	B28G110	G5
28	.5	1.8	1.6	1.5	.1	.1	1.5	245	B28G180	G5
28	.5	2.1	2.1	2.0	.1	.1	1.5	255	B28G210	G5
28	.5	2.1	2.1	2.0	.005	.005	.250	290	A28MT210	M6
28	.5	3.0	2.7	2.5	.15	.1	1.5	300	B28G300	G9
28	.5	3.0	2.7	2.5	.005	.005	.250	335	A28MT300	M9
28	.5	5.0	5.0	5.0	.15	.1	1.5	370	B28G500	G13
28	.5	5.0	5.0	5.0	.005	.005	.250	410	A28MT500	M13
28	.5	8.0	6.8	5.6	.005	.005	.250	475	A28H800	H8
28	.5	11.0	9.5	8.0	.005	.005	.250	530	A28H1100	H11
28	.5	14.0	12.0	10.0	.005	.005	.250	595	A28H1400	H16
30	1	.300	.300	.300	.05	.05	1	160	B30GT30	G3
30	1	.500	.500	.500	.05	.05	1	185	B30GT50	G3
30	1	1.1	1.1	1.0	.1	.1	1	220	B30GT110	G5
30	.5	1.7	1.6	1.5	.1	.1	1.5	245	B30GT170	G5
30	.5	2.1	2.1	2.0	.1	.1	1.5	260	B30G210	G6
30	.5	2.1	2.1	2.0	.005	.005	.250	295	A30MT210	M6
30	.5	3.0	2.7	2.5	.005	.005	.250	340	A30MT300	M9
30	.5	5.0	5.0	5.0	.15	.1	1.5	375	B30GT500	G13
30	.5	5.0	5.0	5.0	.005	.005	.250	410	A30MT500	M13
30	.5	7.5	6.3	5.2	.005	.005	.250	480	A30H750	H8
30	.5	10.0	9.0	8.0	.005	.005	.250	540	A30H1000	H11
30	.5	14.0	12.0	10.0	.005	.005	.250	610	A30H1400	H16
32	1	.300	.300	.300	.05	.05	1	160	B32GT30	G3
32	1	.500	.500	.500	.05	.05	1	185	B32GT50	G3
32	1	1.0	1.0	1.0	.1	.1	1	220	B32GT100	G5
32	1	1.5	1.5	1.5	.1	.1	1.5	255	B32GT150	G5
32	.5	1.8	1.6	1.3	.005	.005	.250	305	A32MT180	M6
32	.5	2.5	2.1	1.7	.005	.005	.250	360	A32MT250	M9
32	.5	9.0	7.5	6.0	.005	.005	.250	555	A32HT900	H11
34	1	.300	.300	.300	.05	.05	1	160	B34GT30	G3
34	1	.800	.800	.800	.1	.1	1	220	B34GT80	G5
34	1	1.5	1.5	1.5	.1	.1	1.5	260	B34GT150	G5
35	1	.100	.100	.100	.05	.05	1	150	B35GT10	G3
35	1	.300	.300	.300	.05	.05	1	160	B35GT30	G3
35	1	.500	.500	.500	.05	.05	1	190	B35GT50	G3
35	1	.600	.600	.600	.1	.05	1	210	B35GT60	G3
35	1	.800	.800	.800	.1	.1	1.5	220	B35GT80	G5
36	1	.100	.100	.100	.05	.05	1	150	B36GT10	G3
36	1	.500	.500	.500	.05	.05	1	190	B36GT50	G3
36	1	.800	.750	.700	.1	.05	1	220	B36GT80	G5
36	.5	1.3	1.3	1.3	.1	.1	1.5	245	B36GT130	G6
36	.5	1.3	1.3	1.3	.005	.005	.250	30	A36MT130	M6
36	.5	2.3	2.0	1.8	.1	.1	1.5	335	B36GT230	G9
36	.5	2.3	2.0	1.8	.005	.005	.250	360	A36MT230	M9
36	.5	4.0	3.2	2.5	.005	.005	.250	420	A36MT400	M13
36	.5	8.0	6.6	5.3	.005	.005	.250	555	A36HT800	H11
36	.5	11.0	9.1	7.2	.005	.005	.250	675	A36HT1100	H16
40	1	.200	.200	.200	.05	.05	1	175	B40GT20	G3
40	1	.400	.400	.400	.05	.05	1	205	B40GT40	G3
40	1	.500	.500	.500	.1	.05	1	220	B40GT50	G5
40	1	1.0	1.0	1.0	.1	.1	1.5	250	B40GT100	G6
45	1	.200	.200	.200	.05	.05	1	175	B45GT20	G3
45	1	.400	.400	.400	.05	.05	1	215	B45GT40	G3

Nominal Output Voltage	Adj-just ±V	Output Current Amps. at			Regulation		Ripple mV RMS	(\$)	Model	Case Size
		40°C	55°C	71°C	Load ± %	Line ± %				
48	1	.200	.200	.200	.05	.05	1	175	B48GT20	G3
48	1	.400	.400	.400	.05	.05	1	220	B48GT40	G3
48	1	.600	.600	.600	.1	.1	1	260	B48GT60	G5
48	1	1.1	1.0	.600	.1	.1	1.5	290	B48GT110	G6
48	1	1.2	1.0	.800	.005	.005	.250	320	A48MT120	M6
48	1	1.8	1.6	1.2	.005	.005	.250	365	A48MT180	M9
48	1	3.0	2.6	2.1	.005	.005	.250	420	A48MT300	M13
48	1	6.0	5.0	4.0	.005	.005	.250	555	A48HT600	H11
48	1	8.5	7.2	5.5	.005	.005	.250	675	A48HT850	H16
50	1	.400	.400	.400	.05	.05	1	240	B50GT40	G3
50	1	.500	.500	.500	.05	.05	1	270	B50GT50	G5
50	1	1.0	.800	.700	.005	.005	.250	335	A50MT100	M6
50	1	1.5	1.3	1.0	.005	.005	.250	380	A50MT150	M9
50	1	2.7	2.3	1.8	.005	.005	.250	435	A50MT270	M13
50	1	6.0	5.0	4.0	.005	.005	.250	565	A50HT600	H11
50	1	8.0	6.6	5.2	.005	.005	.250	675	A50HT800	H16
55	1	.500	.500	.500	.05	.05	1	285	B55GT50	G5
60	1	.200	.200	.200	.05	.05	1	205	B60GT20	G3
60	1	.300	.300	.300	.05	.05	1	245	B60GT30	G3
60	1	.400	.400	.400	.05	.05	1	285	B60GT40	G5
60	1	.850	.720	.600	.005	.005	.250	340	A60MT85	M6
60	1	1.2	1.0	.800	.005	.005	.250	380	A60MT120	M9
60	1	2.5	2.1	1.7	.005	.005	.250	435	A60MT250	M13
60	1	5.0	4.1	3.3	.005	.005	.250	575	A60HT500	H11
60	1	7.0	5.8	4.6	.005	.005	.250	680	A60HT700	H16
65	1	.300	.300	.300	.05	.05	1	245	B65GT30	G3
70	1	.100	.100	.100	.05	.05	1	190	B70GT10	G3
70	1	.300	.300	.300	.05	.05	1	245	B70GT30	G3
75	1	.050	.050	.050	.05	.05	1	175	B75GT05	G3
75	1	.200	.200	.200	.05	.05	1	240	B75GT20	G3
75	1	.600	.500	.400	.005	.005	.250	340	A75MT60	M6
75	1	1.0	.830	.660	.005	.005	.250	395	A75MT100	M9
75	1	2.0	1.8	1.5	.005	.005	.250	435	A75MT200	M13
75	1	4.0	3.3	2.6	.01	.01	1	575	A75HT400	H11
75	1	5.6	4.6	3.6	.01	.01	1	685	A75HT560	H16
80	1	.100	.100	.100	.05	.05	1	210	B80GT10	G3
80	1	.200	.200	.200	.05	.05	1	245	B80GT20	G3
85	1	.200	.200	.200	.05	.05	1	245	B85GT20	G3
90	1	.200	.200	.200	.05	.05	1	245	B90GT20	G3
90	1	.500	.400	.300	.005	.005	.250	340	A90MT50	M6
90	1	.800	.700	.600	.005	.005	.250	395	A90MT80	M9
90	1	1.5	1.3	1.0	.005	.005	.250	435	A90MT150	M13
90	1	3.3	2.7	2.1	.01	.01	1	585	A90HT330	H11
90	1	4.4	3.6	2.9	.01	.01	1	695	A90HT440	H16
95	1	.200	.200	.200	.05	.05	1	250	B95GT20	G3
100	1	.100	.100	.100	.05	.05	1	235	B100GT10	G3
100	1	.200	.200	.200	.05	.05	1	250	B100GT20	G3
100	1	.460	.460	.340	.1	.1	1.5	300	B100GT46	G6
100	1	.650	.650	.650	.1	.1	1.5	335	B100G65	G6
100	1	.700	.600	.500	.005	.005	.250	380	A100M70	M6
100	1	1.3	1.2	1.0	.005	.005	.250	435	A100MT130	M13
100	1	3.0	2.5	2.0	.01	.01	1	585	A100HT300	H11
100	1	4.0	3.3	2.6	.01	.01	1	695	A100HT400	H16
110	1	.200	.200	.200	.05	.05	1	255	B110GT20	G3
120	1	.100	.100	.100	.05	.05	1	240	B120GT10	G3
120	1	.200	.200	.200	.05	.05	1	255	B120GT20	G3
120	1	.400	.400	.3						

WALL MOUNTING KITS ...\$10

These kits provide a way of mounting power supplies on a wall or panel when the other side of the mounting surface is inaccessible. Each kit consists of four aluminum brackets and four machine screws for fastening them to the power supply, effectively adding mounting flanges to the power supply.

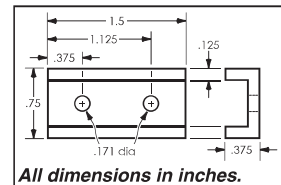
For 'Gold Box' and (modular) 'High Voltage' power supplies:

GB8 Mounting Kit (#8-32 mounting holes)

Can be used on these case sizes:

CM6, CM9, CM13, CH11, CH16, DG5, DG6, DG9, G3, G5, G5D, G6, G9, G13, GT5, GT6, GT9, GT13, H8, H11, H16, HD345, HD355, HA349, HA359, HT11, HT16, LM6A*, LM8A*, LM10A*, M6, M9, M13, RM6, RW6 TG5, TG6, TG9, TG13, TH11, WG7, WM6, WM9, Y3, Y5, Y6, YH11, YA

*For rear mounting brackets horizontally on **LM cases only**, use GBR Mounting Kit...\$15



All dimensions in inches.

For 'Narrow Profile' power supplies:

NP6 Mounting Kit (#6-32 mounting holes)

Can be used on these case sizes:

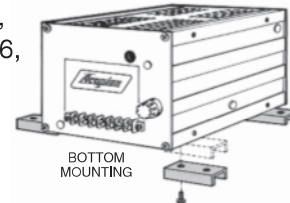
AMC, CN8T, DN6B, DN6A, DN8A, DN8, F6T, F8T, N8T, WL9, WN6A, WN6B, WN8, WN8A, WN8B, TN6T

NP6L Mounting Kit (#6-32 mounting holes)

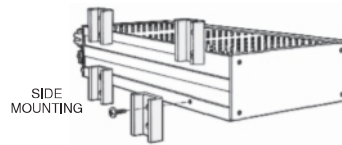
Can be used on these case sizes:

CN8H, N8H, TN8H

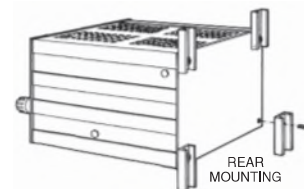
Model NP6L consists of two brackets 1.5" long as shown above, and two 2.5" long brackets (to extend beyond heat sink).



BOTTOM MOUNTING



SIDE MOUNTING



REAR MOUNTING

DIN RAIL MOUNTING KITS ...\$15*

CH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes: RM6, RW6

GH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes:

CM6 DG5 G3 GT5 M6 TG5 Y3
 CM9 DG6 G5 GT6 M9 TG6 Y5
 CM13 DG9 G5D GT9 M13 TG9 Y6
 G6 GT13 TG13
 G9
 G13

GR35DIN Mounting Kit (Rear mounting)

Can be used on these case sizes:

CM6 DG5 G3 GT5 HD345 M6 RM6 TG5 Y3
 CM9 DG6 G5 GT6 HD355 M9 RW6 TG6 Y5
 DG9 G5D GT9 TG9 Y6
 G6
 G9

(GR35DIN can be used, but is not recommended on case sizes: G13, GT13, M13, TG13)

LR35DIN Mounting Kit* (Rear mounting)

LV35DIN Mounting Kit* (Vertical mounting)

LH35DIN Mounting Kit* (Horizontal mounting)

Can be used on these case sizes: LM6A, LM8A, LM10A

*All DIN Kits for LM cases \$20

NPH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes:

CN8H DN6A F6T N8H TN6T WN6A
 CN8T DN6B F8T N8T TN8H WN6B
 DN8 WN8
 DN8A WN8A
 WN8B

NPR35DIN Mounting Kit (Rear mounting)

Can be used on these case sizes:

CN8H F6T N8H TN6T
 CN8T F8T N8T TN8H

NPV35DIN Mounting Kit (Vertical mounting)

Can be used on these case sizes:

CN8H DN6A F6T N8H TN6T WN6A
 CN8T DN6B F8T N8T TN8H WN6B
 DN8 WN8
 DN8A WN8A
 WN8B

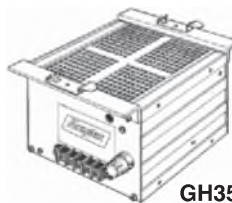
WH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes: WM6, WM9

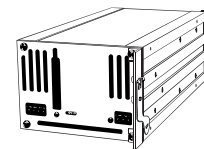
WL35DIN Mounting Kit (Vertical mounting)

WLV35DIN Mounting Kit (Horizontal mounting)

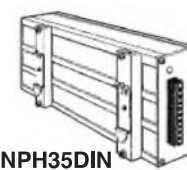
Can be used on these case sizes: WL7, WL9



GH35DIN



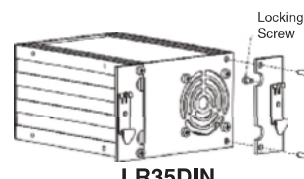
LH35DIN



NPH35DIN



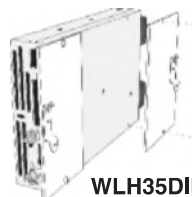
GR35DIN



LR35DIN



NPV35DIN



WLH35DIN



WH35DIN



NPR35DIN

ACOPIAN SELLS FACTORY DIRECT WORLDWIDE: We do not use representatives or distributors. Contact Acopian for technical information or a quote.

WARRANTY: Acopian power supplies are warranted to be free from defects in material and workmanship for a period of five years (encapsulated devices, for one year) from date of original shipment. Acopian's obligation under this warranty is limited to repairing any power supply returned to the factory Service Department in Easton, PA or Melbourne, FL, and replacing any defective parts. Mini Encapsulated power supplies are not repairable. Authorization must be obtained from Acopian before a power supply may be returned for repair. Units must be well packed when shipping to Acopian; the repair of any damage incurred during shipment will be charged. Transportation charges are to be paid by the purchaser. A reinspection and handling charge will be applied to returned units found to have no defects. If a failure has been caused by misuse, operation in excess of specifications, or modification by the customer, repairs will be billed at cost; in such cases, a cost estimate will be submitted before work is started.

Acopian reserves the right to make changes or improvements in its products without incurring any obligation to install the same on products previously manufactured.

This warranty is in lieu of all other warranties, obligations, and liabilities, expressed or implied, and is the purchaser's exclusive remedy. Acopian makes no warranty, either express or implied, of merchantability, fitness for a particular purpose or otherwise. In no event shall Acopian be liable whether in contract, tort, or negligence, for special, indirect, incidental or consequential damages of any kind, including loss of business or profits, or any other losses incurred by the purchaser or any third party, the Customer's remedies being limited, at Acopian's option, to replacement, repair or credit at the price on the date of claim.

The validity, performance and construction of all terms and conditions and any sale made by Acopian shall be determined by the law of Pennsylvania, without regard to its conflict of law principles, and all parties to the transaction expressly consent to the jurisdiction of such courts and consent to the venue of the Court of Common Pleas for Northampton County, Pennsylvania.

PRICES: The prices shown are F.O.B. our factory; Easton, PA or Melbourne, FL. ('EXW Factory' if outside the 50 United States.) All prices and specifications are subject to change without notice.

TERMS: Net 30 days, subject to credit approval. Visa, MasterCard and American Express also accepted.

SHIPPING: Location permitting, small shipments are made by United Parcel Service, FedEx, DHL (international orders) or by Parcel Post; larger shipments, by insured motor freight collect. Shipments can be made by air upon request. Risk of loss shall be F.O.B. Our Factory, even in cases where freight may be prepaid or allowed to destination by Acopian. If equipment is received in damaged condition, it is the customer's responsibility to contact the carrier and file a claim for damages.

TIME FOR DELIVERY: The time for delivery quoted by Acopian is the time required to ship from our plants. We will not be liable for delays in delivery caused by any reason beyond our control, including but not limited to acts of God, casualty, civil disturbance, labor disputes, transportation or supply difficulties, or any interruption of our facilities, and the quoted time for delivery shall be extended during the continuance of such conditions and for a reasonable time thereafter. In no event will Acopian be liable for any premium transportation, reprourement, or similar costs incurred by the Customer as a result of conditions beyond Acopian's control resulting in Acopian's inability to deliver product in accordance with customer's requested delivery schedules.

QUANTITY DISCOUNTS: Discounts are available to quantity buyers and are dependent upon the order quantity and the manufacturing scheduling anticipated by the order, and apply only to the quantity and delivery ordered. Partial shipments are considered as separate orders for discounting purposes.

EXPORT ORDERS: A minimum export documentation charge of \$60.00 applies. (A minimum charge of \$25.00 applies on orders to certain U.S. territories requiring customs forms.)

MOISTURE/FUNGUS PROOFING: Power supplies can be furnished with a moisture and fungus resistant varnish applied to interior surfaces. To order, add the suffix letter F to the model number. This option requires two additional days and is not available on High Voltage, Mini Encapsulated, Rack Mounting, and Gold Box Switching models.

TAGGING: Add \$10.00 to price.

TEST DATA: Cost, \$35.00 or 2% of order, whichever is greater.

SPECIAL MODELS/MODIFICATIONS: Cataloged models can be altered at the factory to meet special requirements. Contact the Applications Engineering Department to discuss your needs.

PARTS: The designs used in Acopian power supplies utilize standard components to the greatest practical extent. When replacements are required, the types originally used, or their equivalents, can usually be obtained most quickly from a local electronic components distributor.

Special components, such as transformers, are stocked at the factory warehouses. Contact the Applications Engineering Department for information on the parts required, referencing the model number of the power supply, the circuit designation of the component, and a description.

PURCHASE ORDER ACCEPTANCE: Orders are accepted subject to Acopian's Terms and Conditions. Any Terms and Conditions of any Purchaser's order, agreement, or understanding which are in addition to or inconsistent with Acopian's shall not be binding upon Acopian unless made in writing and accepted over the signature of an authorized officer of Acopian. Orders shall not be considered accepted until entered into production at our plant. Acopian reserves the right to refuse any order. All typographical and clerical errors are subject to correction by Acopian.

RETURNED GOODS: Acopian products are built on a per-order basis, and ordinarily no credit can be extended for their return. No goods will be accepted for return unless authorized in writing by Acopian.

CHANGES: The customer may, by a written notice, request changes within the general scope of the order, in the drawings, designs or specifications; method of shipment; and place of delivery. If any such change causes an increase or decrease in the cost, or the time required for the processing of any part of the order, an equitable adjustment shall be made in the price or delivery schedule, or both, and the order shall be modified in writing accordingly.

CANCELLATION: Suspension or cancellation of orders may be made only upon our written approval and on terms that will indemnify us against all loss.

OVERTIME: It is anticipated that any order will be processed during regular working hours on regular working days. If for any reason the Purchaser requests Acopian to process the order, or any portion of it, outside of such regular working hours, any overtime or other additional expense occasioned thereby shall be billed to and paid by the Purchaser as an extra cost. Acopian reserves the right to decline to process the order outside regular working hours.

CUSTOMER DELAY OF WORK: If the performance of all or any part of the work is delayed or interrupted by Customer's failure to act within the time specified (or within a reasonable time if no time is specified) and such act is not expressed or implied by the order, an adjustment shall be made in the cost of performance of the order caused by such delay or interruption and the order modified in writing accordingly. Adjustment will also be made in the delivery or performance dates and any other contractual provisions affected by such delay or interruption.

GOVERNMENT SPECIFICATIONS: Pricing is based upon industrial-grade construction, marking, packing, and packaging. Exception is taken to any MIL specifications, and to any requirements for the use of special forms, documentation other than quoted, and Government Source Inspection. Acopian must decline to quote on any other basis.

APPLICATIONS ASSISTANCE: Questions regarding the specifications, features, and use of any Acopian product should be directed to the Applications Engineering Department. A staff of power supply specialists will be pleased to assist you.

ACOPIAN IS AN ISO 9001 CERTIFIED COMPANY