

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

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

D)

- Five Year Warranty

Don't forget these facts about Acopian....

Δ

• Fast Shipping? Acopian invented it! For over half a century, Acopian has built and shipped thousands of power supplies within 3-DAYS after receipt of order. And we still do today! View our 3-DAY Shipping Promise: www.acopian.com/3dayship.html

- You ALWAYS talk to a real person when you call Acopian.
- Acopian power supplies last a <u>very long time</u>!
- You can email <u>3day@acopian.com</u> anytime for 24/7 product support.
- The Online System Builder (<u>www.acopian.com/SystemBuilder</u>) is a convenient way to get your own custom power supply or power system (and they ship within 9 Days).
- You can order Acopian power supplies factory direct.
- ALL Acopian products are made in the USA.



Easton, PA & Melbourne, FL 1-800-523-9478 • www.acopian.com Order Factory Direct Made in USA The Greatest Engineers Choose Acopian!

Ε

Ε



GOLD BOX

Gold Box SINGLE OUTPUT

LINEAR REGULATED

- 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.

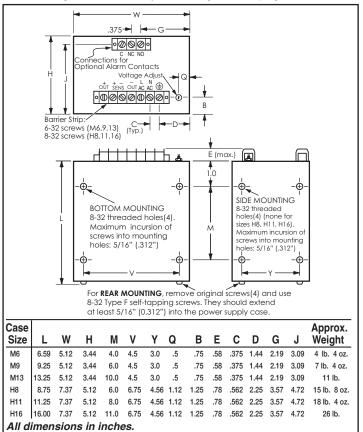
Overvoltage Protection: An internal preset overvoltage protector is available. To order, add prefix "V" to the model number, and increase standard price as follows:

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.



F13 Acopian

GOLD BOX



AC-DC



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.

Gold Box SINGLE OUTPUT LINEAR REGULATED

SERIES B (General Purpose)

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

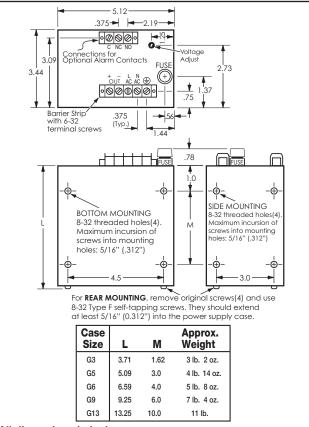


Remote Voltage Sensing: Provision for sensing the output voltage across the load, so that drops in the load lines are compensated, is available on all models. (This option also permits the use of an externally located potentiometer to adjust output voltage.) To order, add prefix "R" to the model number. 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.



LINEAR REGULATED AC-DC

GOLD BOX

SERIES A & B

Nominal	Ad-	Out	put Cur	rent	Regulation				Ripple				Nominal	Nominal Ad- Output Current		ent	Regu	lation	Ripple			T
Output	just		Amps.		Load	Line	mV	_(\$)		Case	Output			Amps. a			Line	mV	(\$)			
/oltage	±V	40°C	55°C	71°C	± %*	± %*	RMS	Price	Model	Size	Voltage	±ν	40°C	55°C	71°C	± %*	± %*	RMS	Price	Model		
1.5	.5	6.0	4.3	3.5	.005	.005	.250	305	A1.5MT600	M6	10	1	.500	.500	.500	.1	.05	1	155	B10G50	Ť	
1.5	.5	9.0	7.2	5.5	.005	.005	.250	350	A1.5MT900	M9	10	1	1.0	1.0	1.0	.1	.1	1	185	B10G100		
1.5	.5	12.0	10.0	8.0	.005	.005	.250	410	A1.5MT1200	M13	10	.5	2.0	2.0	2.0	.2	.1	1.5	220	B10G200		
1.5	.5	22.0	18.5	15.5	.005	.005	.250	500	A1.5H2200	H11	10	.5	3.0	2.7	2.5	.2	.1	1.5	250	B10G300		
1.5	.5	32.0	27.0	22.5	.005	.005	.250 .250	595	A1.5H3200	H16	10 10	.5 .5	4.5 6.0	3.6 5.0	2.7 4.0	.005 .3	.005 .1	.250 1.5	300 325	A10MT450 B10G600		
2 2	.5 .5	6.0 12.0	4.3 10.0	3.5 8.0	.005 .005	.005 .005	.250	305 410	A2MT600 A2MT1200	M6 M13	10	.5	7.5	6.0	4.5	.005	.005	.250	365	A10MT750		
3	.5	.500	.500	.500	.005	.005	.250	155	B3G50	G3	10	.5	10.0	8.3	7.0	.4	.1	1.5	370	B10G1000		
3	.5	1.2	1.1	1.0	.2	.1	1	185	B3G120	G3	10	.5	10.0	8.3	7.0	.005	.005	.250	410	A10MT1000)	
3	.5	2.1	2.1	2.0	.5	.1	1	210	B3G210	G5	10	.5	14.0	11.9	9.8	.005	.005	.250	475	A10H1400		
3	.5	4.0	3.5	3.0	.5	.1	1.5	255	B3G400	G6	10	.5	18.0	15.0	12.0	.005	.005	.250	530	A10H1800		
3	.5	6.0	4.3	3.5	.005	.005	.250	305	A3MT600	M6	10	.5	25.0	20.0	16.5	.005	.005	.250	595	A10H2500	4	
3	.5	9.0	7.2	5.5	.005	.005	.250	350	A3MT900	M9	12 12	1 1	.500 1.0	.500 1.0	.500 1.0	.1 .1	.05 .1	1 1	155 185	B12G50 B12G100		
3	.5	12.0	10.0	8.0	.005	.005	.250	410	A3MT1200	M13	12	.5	2.0	1.7	1.5	.2	.1	1.5	215	B12G200		
3 3	.5 .5	17.0 20.0	14.5 16.5	12.0	.005 .005	.005 .005	.250	445 500	A3H1700	H8 H11	12	.5	3.0	2.7	2.5	.2	.1	1.5	245	B12G300		
3	.5 .5	30.0	25.0	13.5 20.0	.005	.005	.250 .250	500 595	A3H2000 A3H3000	H16	12	.5	3.8	3.3	2.6	.2	.1	1.5	255	B12G380		
3.3	.5	.500	.500	.500	.005	.005	.250	155	B3.3G50	G3	12	.5	4.0	3.3	2.6	.005	.005	.250	295	A12MT400		
3.3	.5	1.2	1.1	1.0	.2	.1	1	185	B3.3G120	G3	12	.5	6.5	5.3	4.0	.3	.1	1.5	325	B12G650		
3.3	.5	2.1	2.1	2.0	.5	.1	1	210	B3.3G210	G5	12	.5	6.5	5.3	4.0	.005	.005	.250	360	A12MT650		
3.3	.5	4.0	3.5	3.0	.5	.1	1.5	255	B3.3G400	G6	12	.5	9.0	7.5	6.0	.4	.1	1.5	370	B12G900		
3.3	.5	6.0	4.3	3.5	.005	.005	.250	305	A3.3MT600	M6	12 12	.5 .5	9.0 13.0	7.5 11.0	6.0 9.1	.005 .005	.005 .005	.250 .250	410 475	A12MT900 A12H1300		
3.3	.5	7.0	5.9	4.9	.5	.1	1.5	310	B3.3G700	G9	12	.5 .5	13.0	11.0 14.3	9.1 11.5	.005	.005	.250	475 530	A12H1300 A12H1700		
3.3	.5	9.0	7.2	5.5	.005	.005	.250	355	A3.3MT900	M9	12	.5	21.0	14.3	14.5	.005	.005	.250	595	A12H1700 A12H2100		
3.3	.5	12.0	10.0	8.0	.005	.005	.250	410	A3.3MT1200	M13	13	1	.500	.500	.500	.1	.005	1	175	B13G50	٦	
3.3	.5	17.0	14.5	12.0	.005	.005	.250	445	A3.3H1700	H8	13	1	1.5	1.4	1.3	.1	.1	1.5	215	B13G150		
3.3	.5	22.0	18.5	15.5	.005	.005	.250	500	A3.3H2200	H11	13	.5	2.0	2.0	2.0	.2	.1	1.5	240	B13G200		
3.3 5	.5 .5	32.0 .500	27.0 .500	22.5 .500	.005 .1	.005 .1	.250 1	595 155	A3.3H3200 B5G50	H16 G3	13	.5	3.0	2.7	2.5	.2	.1	1.5	260	B13G300		
อ 5	.5 .5	1.2	1.1	1.0	.1	.1 .1	1	185	B5G120	G3 G3	13	.5	3.5	3.0	2.5	.005	.005	.250	300	A13MT350		
5	.5	1.7	1.5	1.3	.2	.1	1.5	200	B5G120	G3	13	.5	5.0	4.5	4.0	.2	.1	1.5	320	B13G500		
5	.5	2.1	2.1	2.0	.2	.1	1.5	210	B5G210	G5	13 13	.5 .5	8.0 8.0	7.5 7.5	7.0 7.0	.3 .005	.1 .005	1.5 .250	370 410	B13G800 A13MT800		
5	.5	4.0	3.5	3.0	.3	.1	1.5	245	B5G400	G6	14	1	.500	.500	.500	.005	.005	1	175	B14G50	-	
5	.5	5.0	4.4	3.0	.4	.1	1.5	260	B5G500	G6	14	1	1.5	1.4	1.3	.1	.00	1.5	215	B14G150		
5	.5	5.1	3.6	2.6	.005	.005	.250	290	A5MT510	M6	14	.5	2.0	2.0	2.0	.2	.1	1.5	240	B14G200		
5	.5	6.0	4.3	3.5	.005	.005	.250	310	A5MT600	M6	14	.5	3.0	2.7	2.5	.2	.1	1.5	260	B14G300		
5	.5	8.0	7.0	5.0	.4	.1	1.5	320	B5G800	G9	14	.5	3.0	2.7	2.5	.005	.005	.250	295	A14MT300		
5	.5	9.0	7.2	5.5	.005	.005	.250	355	A5MT900	M9	14	.5	5.0	4.5	4.0	.2	.1	1.5	310	B14G500		
5	.5	10.0	9.0	7.0	.4	.1	1.5	360	B5G1000	G13	14	.5	7.0	6.5	6.0	.3	.1	1.5	370	B14G700		
5 5	.5 .5	12.0 17.0	10.0 14.5	8.0 12.0	.005 .005	.005 .005	.250 .250	410 445	A5MT1200 A5H1700	M13 H8	14 15	.5 1	8.0 .750	7.5 .750	7.0	.005 .1	.005 .1	.250 1	410 180	A14MT800 B15G75	-	
5	.5	22.0	14.5	15.0	.005	.005	.250	500	A5H2200	H11	15	1	1.0	1.0	1.0	.1	.1	1	185	B15G100		
5	.5	32.0	27.0	22.0	.005	.005	.250	595	A5H3200	H16	15	1	1.5	1.4	1.3	.1	.1	1.5	205	B15G150		
6	1	.500	.500	.500	.1	.1	1	155	B6G50	G3	15	.5	2.0	1.7	1.5	.1	.1	1.5	220	B15G200		
6	.5	1.2	1.1	1.0	.1	.1	1	185	B6G120	G3	15	.5	3.0	2.8	2.5	.1	.1	1.5	250	B15G300		
6	.5	1.7	1.5	1.3	.2	.1	1.5	200	B6G170	G3	15	.5	3.0	2.8	2.5	.005	.005	.250	270	A15MT300		
6	.5	3.2	3.1	3.0	.3	.1	1.5	240	B6G320	G6	15	.5	4.2	3.8	3.0	.15	.1	1.5	295	B15G420		
6	.5	4.9	3.5	2.5	.005	.005	.250	260	A6MT490	M6	15	.5	5.5	4.7	4.0	.005	.005	.250	360	A15MT550		
6	.5	6.0	4.5	3.5	.005	.005	.250	300	A6MT600	M6	15 15	.5 .5	6.0 7.0	5.0 6.0	4.0 5.0	.2 .2	.1 .1	1.5 1.5	350 370	B15G600 B15G700		
6	.5	8.5	7.5	5.2	.005	.005	.250	355	A6MT850	M9	15	.5	8.0	6.5	5.5	.005	.005	.250	410	A15MT800		
6 6	.5	11.0	9.3	7.5 11.2	.005 .005	.005 .005	.250 .250	410 450	A6MT1100	M13 H8	15	.5	11.5	9.7	8.0	.005	.005	.250	475	A15H1150		
6 6	.5 .5	16.0 21.0	13.6 17.0	11.2	.005	.005	.250	450 505	A6H1600 A6H2100	H8 H11	15	.5	15.0	12.8	10.5	.005	.005	.250	525	A15H1500		
6	.5	28.0	23.0	14.0	.005	.005	.250	505 595	A6H2800	H16	15	.5	19.0	16.3	13.5	.005	.005	.250	595	A15H1900		
7	1	.500	.500	.500	.000	.005	1	160	B7G50	G3	16	1	.300	.300	.300	.05	.05	1	140	B16G30	1	
7	1	1.0	1.0	1.0	.1	.1	1	200	B7G100	G3	16	.5	1.0	1.0	1.0	.1	.1	1	200	B16G100		
7	.5	2.0	2.0	2.0	.2	.1	1.5	220	B7G200	G5	16 16	.5 .5	3.0 5.0	2.5 5.0	2.0 5.0	.15 .2	.1 .1	1 1.5	290 360	B16G300 B16G500		
7	.5	3.0	2.7	2.5	.3	.1	1.5	250	B7G300	G6	16	.5 .5	5.0 6.5	5.0 6.0	5.0 5.5	.2	.005	.250	410	A16MT650		
7	.5	5.0	4.0	3.0	.005	.005	.250	300	A7MT500	M6	18	1	.300	.300	.300	.005	.005	1	140	B18G30	-	
7	.5	6.5	5.2	4.0	.4	.1	1.0	310	B7G650	G9	18	1	.750	.750	.750	.1	.00	1	180	B18G75		
7	.5	8.0	6.5	5.0	.005	.005	.250	360	A7MT800	M9	18	.5	1.1	1.1	1.0	.1	.1	1	200	B18G110		
7 7	.5 .5	10.0 10.0	8.0 8.8	7.0 7.0	.4 .005	.1 .005	1.5 .250	370 410	B7G1000 A7MT1000	G13 M13	18	.5	2.1	2.0	1.8	.1	.1	1	240	B18G210		
8	.5	.500	.500	.500	.005	.005	.250	160	B8G50	G3	18	.5	2.1	2.1	2.0	.005	.005	.250	260	A18MT210		
8	1	1.0	1.0	1.0	.1	.05	1	200	B8G100	G3	18	.5	3.0	2.8	2.5	.15	.1	1	290	B18G300		
8	.5	2.0	2.0	2.0	.2	.1	1.5	220	B8G200	G5	18 18	.5 .5	4.5 6.5	4.0 6.0	3.5 5.5	.005 .005	.005 .005	.250 .250	350	A18MT450		
8	.5	3.0	2.7	2.5	.2	.1	1.5	250	B8G300	G6	18	.5 .5	6.5 14.0	6.0 12.0	5.5 10.0	.005	.005	.250	410 530	A18MT650 A18H1400		
8	.5	5.0	4.0	3.5	.005	.005	.250	300	A8MT500	M6	18	.5	14.0	12.0	13.0	.005	.005	.250	595	A18H1800		
8	.5	6.5	5.2	4.0	.3	.1	1.5	325	B8G650	G9	20	1	.300	.300	.300	.005	.005	1	140	B20G30	٦	
8	.5	8.0	6.5	5.0	.005	.005	.250	360	A8MT800	M9	20	1	.750	.750	.750	.1	.05	1	180	B20G75		
8	.5	10.0	8.0	7.0	.4	.1	1.5	370	B8G1000	G13	20	1	1.1	1.1	1.0	.1	.1	1	200	B20G110		
8	.5	10.5	8.8	7.0	.005	.005	.250	410	A8MT1050	M13	20	.5	1.7	1.7	1.5	.1	.1	1.5	215	B20G170		
8	.5	20.0	16.8	13.5	.005	.005	.250	530	A8H2000	H11	20	.5	2.0	2.0	2.0	.005	.005	.250	270	A20MT200		
8	.5	28.0	23.0	19.0	.005	.005	.250	595	A8H2800	H16	20	.5	2.7	2.0	1.2	.15	.1	1.5	290	B20G270		
9	1	.500	.500	.500	.1	.05	1	160	B9G50	G3	20	.5	4.0	3.5	3.0	.005	.005	.250	350	A20MT400		
9	1	1.0	1.0	1.0	.1	.1	1	200	B9G100	G3	20	.5	5.0	5.0	5.0	.15	.1	1.5	365	B20G500		
9 9	.5	2.0 3.0	2.0 2.7	2.0 2.5	.2 .2	.1 .1	1.5 1.5	220 250	B9G200 B9G300	G5 G6	20	.5	6.0 9.5	5.5 8.0	5.0	.005	.005	.250	410	A20MT600		
9	.5 .5	3.0 6.5	2.7 5.2	4.0	.2 .3	.1 .1	1.5 1.5	325	B9G300 B9G650	G6 G9	20 20	.5 .5	9.5 13.0	8.0 11.3	6.6 9.5	.005 .005	.005 .005	.250 .250	475 530	A20H950 A20H1300		
9	.5	10.0	8.3	7.0	.005	.005	.250	410	A9MT1000	M13	20	.5	16.0	14.0	9.5	.005	.005	.250	595	A20H1300 A20H1600		
				I																		



GOLD BOX



SERIES A & B

Nominal Output	Ad- just	Out	put Curi Amps. a		Regu Load	lation Line	Ripple mV	_(\$)		Case		ominal utput	Ad- just	Out	put Curi Amps. a	
Voltage	έV	40°C	55°C	71°C	± %	± %	RMS	Price	Model	Size		oltage	έV	40°C	55°C	71
24	1	.300	.300	.300	.05	.05	1	140	B24G30	G3		48	1	.200	.200	.2
24	1	.750	.750	.750	.1	.05	1	185	B24G75	G3		48	1	.400	.400	.4
24	1	1.1	1.1	1.0	.1 .1	.1 .1	1.5 1.5	205	B24G110	G5 G5		48	1	.600	.600	.6
24 24	.5 .5	1.7 2.1	1.7 2.0	1.5 2.0	.1 .1	.1 .1	1.5	220 245	B24G170 B24G210	G5 G5		48 48	1 1	1.1 1.2	1.0 1.0	.6 .8
24	.5	2.1	2.0	2.0	.005	.005	.250	285	A24MT210	M6		48	1	1.8	1.6	1.2
24	.5	3.5	3.0	2.5	.15	.1	1.5	305	B24G350	G9		48	1	3.0	2.6	2.1
24	.5	3.5	3.0	2.5	.005	.005	.250	360	A24MT350	М9		48	1	6.0	5.0	4.0
24	.5	5.0	5.0	5.0	.15	.1	1.5	370	B24G500	G13		48	1	8.5	7.2	5.5
24	.5	5.5	5.0	4.5	.005	.005	.250	410	A24MT550	M13		50	1	.400	.400	.4
24	.5	8.5	7.2	5.9	.005	.005	.250	475	A24H850	H8		50	1	.500	.500	.5
24 24	.5 .5	12.0 15.0	10.5 13.0	9.0 11.0	.005 .005	.005	.250	530 595	A24H1200 A24H1500	H11 H16		50 50	1 1	1.0 1.5	.800 1.3	.7 1.0
25	1	.300	.300	.300	.05	.05	1	160	B25G30	G3		50	1	2.7	2.3	1.8
25	1	.750	.750	.750	.1	.05	1	190	B25G75	G3		50	1	6.0	5.0	4.0
25	1	1.1	1.1	1.1	.1	.1	1.5	215	B25G110	G5		50	1	8.0	6.6	5.2
25	.5	1.7	1.7	1.5	.1	.1	1.5	250	B25G170	G5		55	1	.500	.500	.5
25	.5	2.1	2.1	2.0	.1	.1	1.5	255	B25G210	G5		60	1	.200	.200	.2
25 25	.5 .5	3.5 5.0	3.0 5.0	2.5 5.0	.15 .15	.1 .1	1.5 1.5	310 380	B25G350 B25G500	G9 G13		60 60	1 1	.300 .400	.300 .400	.3
28	1.5	.300	.300	.300	.05	.05	1.5	160	B28G30	G3		60 60	1	.400	.400	.4
28	1	.500	.500	.500	.05	.05		180	B28G50	G3		60	1	1.2	1.0	.8
28	1	.800	.800	.800	.1	.05	1	190	B28G80	G5		60	1	2.5	2.1	1.7
28	1	1.1	1.1	1.0	.1	.05	1	210	B28G110	G5		60	1	5.0	4.1	3.3
28	.5	1.8	1.6	1.5	.1	.1	1.5	245	B28G180	G5		60	1	7.0	5.8	4.6
28	.5	2.1	2.1	2.0	.1	.1	1.5	255	B28G210	G5		65	1	.300	.300	.3
28 28	.5 .5	2.1 3.0	2.1 2.7	2.0 2.5	.005 .15	.005	.250	290 300	A28MT210 B28G300	M6 G9		70 70	1 1	.100 .300	.100 .300	.1
28	.5	3.0	2.7	2.5	.005	.005	.250	335	A28MT300	M9		75	1	.050	.050	.0
28	.5	5.0	5.0	5.0	.15	.1	1.5	370	B28G500	G13		75	1	.200	.200	.2
28	.5	5.0	5.0	5.0	.005	.005	.250	410	A28MT500	M13		75	1	.600	.500	.4
28	.5	8.0	6.8	5.6	.005	.005	.250	475	A28H800	H8		75	1	1.0	.830	.6
28	.5	11.0	9.5	8.0	.005	.005	.250	530	A28H1100	H11		75	1	2.0	1.8	1.5
28 30	.5 1	14.0 .300	12.0 .300	10.0 .300	.005 .05	.005	.250	595 160	A28H1400	H16 G3		75	1	4.0	3.3	2.6
30	1	.500	.500	.500	.05	.05		185	B30GT30 B30GT50	G3		75 80	1	5.6 .100	4.6	3.6
30	1	1.1	1.1	1.0	.1	.1	li –	220	B30GT110	G5		80	1	.200	.200	.2
30	.5	1.7	1.6	1.5	.1	.1	1.5	245	B30GT170	G5		85	1	.200	.200	.2
30	.5	2.1	2.1	2.0	.1	.1	1.5	260	B30G210	G6		90	1	.200	.200	.2
30	.5	2.1	2.1	2.0	.005	.005	.250	295	A30MT210	M6		90	1	.500	.400	.3
30 30	.5 .5	3.0 5.0	2.7 5.0	2.5 5.0	.005 .15	.005	.250 1.5	340 375	A30MT300 B30GT500	M9 G13		90	1	.800	.700	.6
30	.5	5.0	5.0	5.0	.005	.005	.250	410	A30MT500	M13		90 90	1 1	1.5 3.3	1.3 2.7	1.0
30	.5	7.5	6.3	5.2	.005	.005	.250	480	A30H750	H8		90	1	4.4	3.6	2.9
30	.5	10.0	9.0	8.0	.005	.005	.250	540	A30H1000	H11		95	1	.200	.200	.2
30	.5	14.0	12.0	10.0	.005	.005	.250	610	A30H1400	H16		100	1	.100	.100	.1
32	1	.300	.300	.300	.05	.05	1	160	B32GT30	G3		100	1	.200	.200	.2
32 32	1 1	.500 1.0	.500 1.0	.500 1.0	.05 .1	.05 .1	1	185 220	B32GT50 B32GT100	G3 G5		100	1	.460	.460	.3
32	1	1.5	1.5	1.5	.1	.1	1.5	255	B32GT150	G5		100 100	1 1	.650 .700	.650 .600	.6 .5
32	.5	1.8	1.6	1.3	.005	.005	.250	305	A32MT180	M6		100	1	1.3	1.2	1.0
32	.5	2.5	2.1	1.7	.005	.005	.250	360	A32MT250	М9		100	1	3.0	2.5	2.0
32	.5	9.0	7.5	6.0	.005	.005	.250	555	A32HT900	H11		100	1	4.0	3.3	2.6
34	1	.300	.300	.300	.05	.05	1	160	B34GT30	G3		110	1	.200	.200	.2
34	1	.800	.800	.800	.1	1.1	1	220	B34GT80	G5		120	1	.100	.100	.1
34 35	1	1.5	1.5 .100	1.5 .100	.1 .05	.1 .05	1.5	260 150	B34GT150 B35GT10	G5 G3		120	1	.200	.200 .400	.2
35	1	.300	.300	.300	.05	.05	li –	160	B35GT30	G3		120 120	1 1	.400 .550	.400	.3
35	1	.500	.500	.500	.05	.05	1	190	B35GT50	G3		120	1	.600	.500	.4
35	1	.600	.600	.600	.1	.05	1	210	B35GT60	G3		120	1	1.2	1.1	1.0
35	1	.800	.800	.800	.1	.1	1.5	220	B35GT80	G5		120	1	2.5	2.0	1.6
36	1	.100	.100	.100	.05	.05	1	150	B36GT10	G3		120	1	3.5	2.9	2.3
36 36	1 1	.500 .800	.500 .750	.500 .700	.05 .1	.05 .05	1 1	190 220	B36GT50 B36GT80	G3 G5		125	1	.200	.200	.2
36	.5	1.3	1.3	1.3	.1	.00	1.5	245	B36GT130	G6		125 125	1 1	.400 .500	.400 .400	.3
36	.5	1.3	1.3	1.3	.005	.005	.250	30	A36MT130	M6		125	1	.550	.400	.5
36	.5	2.3	2.0	1.8	.1	.1	1.5	335	B36GT230	G9		125	1	1.2	1.1	1.0
36	.5	2.3	2.0	1.8	.005	.005	.250	360	A36MT230	M9		125	1	2.5	2.0	1.6
36	.5	4.0	3.2	2.5	.005	.005	.250	420	A36MT400	M13		125	1	3.5	2.9	2.3
36	.5	8.0	6.6	5.3	.005	.005	.250	555	A36HT800	H11		130	1	.200	.200	.2
36 40	.5 1	11.0 .200	9.1 .200	7.2	.005 .05	.005	.250	675 175	A36HT1100 B40GT20	H16 G3		135	1	.200	.200	.2
40	1	.400	.400	.400	.05	.05		205	B40GT40	G3		140 150	1	.200 .100	.200	.2
40	1	.500	.500	.500	.1	.05	1	220	B40GT50	G5		150	1	.200	.200	.1
40	1	1.0	1.0	1.0	.1	.1	1.5	250	B40GT100	G6		150	1	.320	.320	.2
45	1	.200	.200	.200	.05	.05	1	175	B45GT20	G3		150	1	.420	.420	.4
45	1	.400	.400	.400	.05	.05	1	215	B45GT40	G3		150	1	1.0	.900	.8
												150 200	1	3.0	2.5	2.0
											1	2001	1			1 1

ps. at mV Case Load | Line 5°C 71°C ± % RMS Priće Model Size ± % 200 .200 .05 .05 175 B48GT20 G3 1 400 .400 .05 B48GT40 .05 220 G3 600 .600 B48GT60 G5 .1 .1 260 .600 1.5 B48GT110 G6 290 .1 .800 .005 .005 .250 320 A48MT120 M6 .005 .005 .250 A48MT180 M9 6 1.2 365 .005 .005 A48MT300 M13 6 2.1 .250 420 4.0 .005 .005 .250 555 A48HT600 H11 5.5 .005 .005 .250 675 A48HT850 H16 400 .400 B50GT40 G3 .05 .05 240 B50GT50 G5 500 .500 .05 .05 270 800 .700 .005 .005 .250 335 A50MT100 M6 A50MT150 1.0 .005 .005 .250 380 M9 A50MT270 1.8 .005 .005 .250 435 M13 .005 .250 A50HT600 4.0 .005 565 H11 .005 .005 .250 675 A50HT800 H16 5.2 500 .500 285 B55GT50 G5 .05 .05 200 .200 .05 .05 205 B60GT20 G3 1 B60GT30 300 .300 .05 .05 245 G3 B60GT40 400 .400 .05 .05 285 G5 720 .005 .005 .250 A60MT85 M6 .600 340 .800 A60MT120 M9 .005 .005 .250 380 .005 .005 .250 435 A60MT250 M13 1.7 .005 .005 .250 575 A60HT500 H11 3.3 .005 .005 680 A60HT700 H16 4.6 .250 300 B65GT30 .300 .05 245 G3 .05 100 .100 .05 .05 190 B70GT10 G3 1 B70GT30 300 .300 .05 .05 245 G3 B75GT05 .050 .05 .05 1 175 G3 B75GT20 G3 200 .200 .05 .05 240 1 A75MT60 500 .400 .005 .005 .250 340 M6 A75MT100 830 .660 .005 .005 .250 395 M9 435 .005 .005 .250 A75MT200 M13 8 1.5 A75HT400 2.6 575 .01 .01 H11 685 A75HT560 .01 H16 3.6 .01 100 B80GT10 .100 .05 210 .05 1 G3 .05 B80GT20 G3 200 .200 .05 245 200 G3 .200 .05 .05 1 245 B85GT20 200 .200 .05 .05 245 B90GT20 G3 400 .300 .005 .005 .250 340 A90MT50 M6 A90MT80 700 .005 .250 395 M9 .600 .005 3 1.0 .005 .005 .250 435 A90MT150 M13 585 A90HT330 2.1 .01 .01 H11 A90HT440 2.9 .01 .01 695 H16 200 .200 .05 .05 250 B95GT20 G3 1 100 .100 .05 .05 1 235 B100GT10 G3 200 .200 .05 .05 250 B100GT20 G3 460 .340 .1 .1 1.5 300 B100GT46 G6 650 .650 1 .1 1.5 335 B100G65 G6 600 .500 .005 .005 .250 380 A100M70 M6 1.0 .005 .005 .250 435 A100MT130 M13 2.0 .01 .01 585 A100HT300 H11 2.6 01 .01 695 A100HT400 H16 200 .200 .05 .05 1 255 B110GT20 G3 100 .100 .05 .05 1 240 B120GT10 G3 200 .200 .05 .05 1 255 B120GT20 G3 400 .300 1.5 295 B120GT40 G6 .1 .1 550 .550 .1 .1 1.5 350 B120G55 G6 500 .400 .005 .005 .250 405 A120M60 M6 1.0 .005 .005 .250 435 A120MT120 M13 1.6 .01 .01 595 A120HT250 H11 n 2.3 .01 .01 705 A120HT350 H16 200 .200 .05 .05 290 B125GT20 G3 1 400 .300 .1 .1 1.5 305 B125GT40 G6 400 .300 .005 .005 .250 415 A125MT50 M6 550 .550 1.5 360 B125G55 G6 1.0 .005 .005 .250 445 A125MT120 M13 1.6 .01 605 A125HT250 H11 .01 .01 710 A125HT350 H16 2.3 .01 200 .200 .05 .05 295 B130GT20 G3 1 200 .200 .05 .05 295 B135GT20 G3 1 200 .200 .05 .05 295 B140GT20 G3 1 100 .100 .05 .05 245 B150GT10 G3 200 .200 .05 .05 290 B150GT20 G3 .250 B150GT32 320 .1 1.5 310 G6 .1 420 .420 1.5 B150GT42 G9 .1 .1 335 A150MT100 900 .800 .005 .005 .250 475 M13 2.0 .01 .01 720 A150HT300 H16 200 .100 .100 1 .100 .05 1.5 290 B200GT10 G3 .1

Regulation

Ripple

LINEAR REGULATED AC-DC





MOUNTING KITS

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

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).

DIN RAIL MOUNTING KITS ...\$15*

<u>CH35DIN Mounting Kit</u> (Horizontal mounting) Can be used on these case sizes: RM6, RW6

GH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes:

DG5	G3	GT5	M6	TG5	Y3
DG6	G5	GT6	M9	TG6	Y5
DG9	G5D	GT9	M13	TG9	Y6
	G6	GT13		TG13	
	G9				
	G13				
	DG6	DG6 G5 DG9 G5D G6 G9	DG6 G5 GT6 DG9 G5D GT9 G6 GT13 G9	DG6 G5 GT6 M9 DG9 G5D GT9 M13 G6 GT13 G9	60

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 G6 G9		TG9 s:	Y6			

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	N8T DN6B		N8T	TN8H	WN6B					
	DN8				WN8					
	DN8A				WN8A					
					WN8B					

NPR35DIN Mounting Kit (Rear mounting)

Can be used on these case sizes:

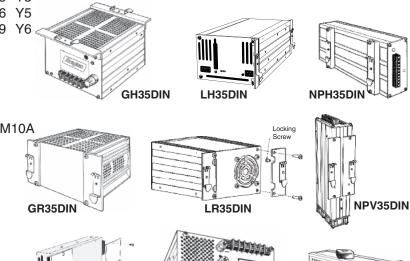
CN8H F6T N8H TN6T CN8T F8T N8T TN8H

NPV35DIN Mounting Kit (Vertical mounting)

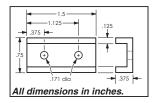
INF VSSBIIN MOUNTING KIL (Vertical mountin										
Can be used on these case sizes:										
CN8H	DN6A	F6T	N8H	TN6T	WN6A					
CN8T	DN6B	F8T	N8T	TN8H	WN6B					
	DN8				WN8					
	DN8A				WN8A					
					WN8B					

WH35DIN Mounting Kit (Horizontal mounting) Can be used on these case sizes: WM6, WM9

<u>WL35DIN Mounting Kit</u> (Vertical mounting) <u>WLH35DIN Mounting Kit</u> (Horizontal mounting) Can be used on these case sizes: WL7, WL9





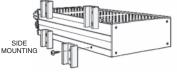


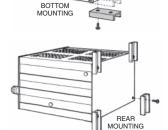
Acapian

BBBBBBB



H3 Acopian









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, reprocurement, 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

