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D A T A S H E E T

Acopian Power Supplies

Gold Box (CE Certified) & Narrow Profile
DUAL TRACKING OUTPUTS

Gold Box
DUAL ISOLATED OUTPUTS
5v/12v combinations (CE Certified)
and
User-selectable models

LINEAR REGULATED AC-DC

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



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

1. We ship within 3 Days (see our 3 Day Shipping Promise below).
2. Acopian power supplies last a *very long time*.
3. The Voltage Finder is the quickest way to find a power supply with the specs you need.
4. The Online System builder (www.acopian.com/SystemBuilder) is a convenient way to get your own custom Power System (and they ship within 9 Days).
5. You always talk to a real person when you call Acopian.
6. You can order your Acopian power supplies factory direct.
7. You can order your Acopian power supplies online.
8. All Acopian products are made in the USA.

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Order Factory Direct
Made in USA



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Gold Box & Narrow Profile

DUAL TRACKING OUTPUTS

LINEAR REGULATED
AC-DC

- Shipped Within 3 Days
- All Models U.L. Recognized
- CE (Gold Box models)
- Five Year Warranty



Narrow Profile — Gold Box

These dual output power supplies are a convenient source of the tracking voltages required for powering operational amplifiers and related circuits. Their positive/common/negative output terminal configuration minimizes system wiring. Provision for remote sensing permits compensation of load line effects. Although moderately priced, they are sturdily constructed and conservatively rated.

SPECIFICATIONS

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

Output Voltages: Tracking within 1%.

Load Regulation: ±0.1%.

Line Regulation: ±0.1%.

Ripple: 1.5 mV rms.

Polarity: Positive output, common, and negative output.

Remote Voltage Sensing: Standard.

Overload/Short Circuit Protection: Electronic current limiting.

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

Ambient Operating Temperature: –10 to +71°C.

Storage Temperature: –55 to +85°C.

Dimensions: See page 63 for case dimensions.

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 91.

OPTIONS

Overvoltage Protection: A built-in preset overvoltage protection circuit is available on all models. If either output fails, both outputs are 'crowbarred'. To order, add prefix "V" to the model number, and increase standard price by $30.00.

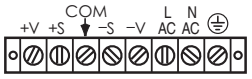
Terminal Strip Cover: Clips on. To order, add suffix "M" to model number and $5.00 to price.

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. The "–230" option requires two additional days.

GOLD BOX MODELS

Nominal Output Voltages	Adjust Range ± V	Amps. per Output at 40°C	55°C	71°C	($) Price	Model	Case Size
±5	.5	.750	.650	.550	$230	TD5-75	TG5
±5	.5	1.5	1.25	1.0	$270	TD5-150	TG6
±5	.5	2.5	2.0	1.5	$325	TD5-250	TG9
±12	1	1.0	.900	.800	$235	TD12-100	TG5
±12	1	1.6	1.4	1.0	$275	TD12-160	TG6
±12	1	2.5	2.0	1.5	$325	TD12-250	TG9
±12	.5	4.5	3.7	3.0	$390	TD12-450	TG13
±12	.5	8.5	7.0	5.5	$495	TD12-850	TH11
±15	1	.400	.400	.400	$180	TD15-40	TG5
±15	1	1.0	.900	.800	$235	TD15-100	TG5
±15	1	1.6	1.4	1.0	$275	TD15-160	TG6
±15	1	2.5	2.0	1.5	$325	TD15-250	TG9
±15	.5	4.5	3.7	3.0	$390	TD15-450	TG13
±15	.5	8.5	7.0	5.5	$495	TD15-850	TH11

FRONT COVER CONNECTIONS:
(See page 63 for complete drawing.)



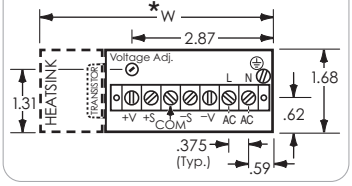
NARROW PROFILE MODELS
(for limited space applications)

Nominal Output Voltages	Adjust Range ± V	Amps. per Output at 40°C	55°C	71°C	($) Price	Model	Case Size
±12*	1	.500	.500	.400	$195	FD12-50A	TN6T
±12*	.5	1.0	.900	.800	$260	LD12-100	TN8H
±15*	1	.500	.500	.400	$195	FD15-50A	TN6T
±15*	.5	1.0	.900	.800	$260	LD15-100	TN8H

* Not CE certified.

See page 63 for complete drawing.

FRONT COVER for TN6T & TN8H cases.
* W dimension includes TRANSISTOR on TN6T case and HEATSINK on TN8H case.



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Acopian

Gold Box

DUAL ISOLATED OUTPUTS
(User-selectable)

LINEAR REGULATED
AC-DC

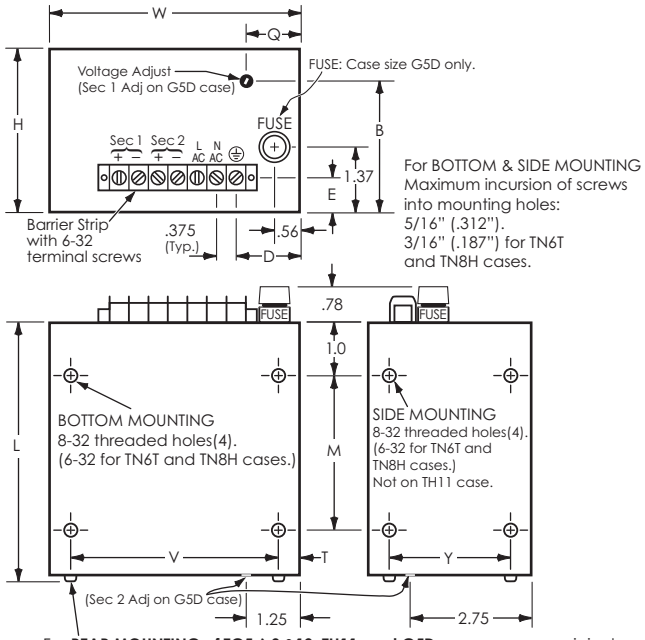


- Shipped Within 3 Days
- All Models U.L. Recognized
- Five Year Warranty

Acopian general purpose duals furnish two completely independent outputs, either identical or different, in less space and at less cost than two equivalent single output supplies. Thousands of output voltage/current rating combinations are available. Mounting and system wiring are simplified. Quality components, generously derated, insure long-term reliability.

Dual Tracking & Dual Isolated Case Sizes:

(on page 62) (on page 63)



For **REAR MOUNTING of TG5,6,9 &13, TH11, and G5D cases**, remove original screws(4) and use 8-32 Type F self-tapping screws. They should extend at least 5/16" (0.312") into the power supply case.
(When **rear mounting G5D case**, a hole is required in the mounting surface for access to the Section 2 output adjustment.)

For **REAR MOUNTING of TN6T and TN8H cases**, remove original 6-32 screws(4). These screws may then be used for mounting, provided they extend at least 1/4" (0.250") into the power supply case.

Case Size	L	W	H	M	V	Y	E	Q	B	D	T	Approx. Weight
G5D	5.09	5.12	3.44	3.0	4.50	3.0	.75	1.25	2.73	1.44	.31	4 lb.
TG5	5.09	5.12	3.44	3.0	4.50	3.0	.75	1.25	2.73	1.44	.31	3 lb. 4 oz.
TG6	6.59	5.12	3.44	4.0	4.50	3.0	.75	1.25	2.73	1.44	.31	4 lb. 4 oz.
TG9	9.25	5.12	3.44	6.0	4.50	3.0	.75	1.25	2.73	1.44	.31	6 lb. 8 oz.
TG13	13.25	5.12	3.44	10.0	4.50	3.0	.75	1.25	2.73	1.44	.31	12 lb.
TH11	11.25	7.37	5.12	8.0	6.75	4.56	.75	2.73	4.36	2.38	.31	18 lb. 4 oz.
TN6T	6.59	3.84*		4.0	3.12	1.31					.156	2 lb. 4 oz.
TN8H	8.47	4.68*		5.0	3.12	1.31					.156	3 lb. 14 oz.

* see page 62 for front cover drawing.

HOW TO ORDER: Select two **sections** (from the same table) on pages 64 and 65. The complete model number is the combination of the two **sections** selected. Example: The combination of section 5GT20D and section 8GT50D is Model 5GT20D-8GT50D. Always assign the lower voltage section first. (Two of the same section can also be selected.) For pricing purposes, add the costs of the individual sections selected.

SPECIFICATIONS

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

Output Specifications: See pages 64 and 65.

Short Circuit Protection: Delivers current surges without damage—built-in fuse protects supply against prolonged overloads and shorts.

Polarity: Outputs are floating. Each output may be independently connected to provide any combination of positive and negative voltages. Outputs may be floated up to 300 volts above ground.

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

Ambient Operating Temperature: –10 to +71°C.
No derating required.

Storage Temperature: –55 to +85°C.

Case size: G5D.

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 91.

OPTIONS

Overvoltage Protection: Two separate, preset overvoltage protection circuits, one for each output. To order, add prefix "V" to model number and add $30.00 to the standard price for 1.5 to 70 volt outputs; add $50.00 if either or both outputs are greater than 70 volts.

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 the standard price. The "–230" option requires two additional days.

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DUAL OUTPUT (User-selectable)

(OUTPUTS TO 500 MA)

Nominal Output Voltage	Adjust Range ± V	Output Current Amps.	Regulation Load ± %	Regulation Line ± %	Ripple mV RMS	(see 'How to Order') Price per Section ($)	(see 'How to Order') Section
1.5	.5	.200	.4	.05	1	$100	1.5GT20D
1.5	.5	.400	.5	.1	1	$110	1.5GT40D
2.5	.5	.200	.4	.05	1	$100	2.5GT20D
2.5	.5	.400	.5	.1	1	$110	2.5GT40D
3	.5	.200	.3	.05	1	$100	3GT20D
3	.5	.400	.5	.1	1	$110	3GT40D
3.3	.5	.200	.2	.05	1	$100	3.3GT20D
3.3	.5	.400	.3	.1	1	$110	3.3GT40D
5	.5	.200	.2	.05	1	$100	5GT20D
5	.5	.500	.3	.05	1	$110	5GT50D
6	1	.200	.05	.05	1	$100	6GT20D
6	1	.500	.15	.05	1	$110	6GT50D
7	1	.200	.05	.05	1	$100	7GT20D
7	1	.500	.15	.05	1	$110	7GT50D
8	1	.200	.05	.05	1	$100	8GT20D
8	1	.500	.1	.05	1	$110	8GT50D
9	1	.200	.05	.05	1	$100	9GT20D
9	1	.500	.1	.05	1	$110	9GT50D
10	1	.250	.05	.05	1	$100	10GT25D
10	1	.500	.1	.05	1	$110	10GT50D
11	1	.250	.05	.05	1	$100	11GT25D
11	1	.500	.1	.05	1	$110	11GT50D
12	1	.250	.05	.05	1	$100	12GT25D
12	1	.500	.1	.05	1	$110	12GT50D
13	1	.250	.05	.05	1	$100	13GT25D
13	1	.500	.1	.05	1	$110	13GT50D
15	1	.250	.05	.05	1	$100	15GT25D
15	1	.500	.1	.05	1	$110	15GT50D
16	1	.250	.05	.05	1	$100	16GT25D
16	1	.500	.1	.05	1	$110	16GT50D
17	1	.250	.05	.05	1	$100	17GT25D
17	1	.500	.1	.05	1	$110	17GT50D
18	1	.250	.05	.05	1	$100	18GT25D
18	1	.500	.1	.05	1	$110	18GT50D
19	1	.250	.05	.05	1	$100	19GT25D
19	1	.500	.1	.05	1	$110	19GT50D
20	1	.250	.05	.05	1	$100	20GT25D
20	1	.500	.1	.05	1	$110	20GT50D
21	1	.250	.05	.05	1	$100	21GT25D
21	1	.500	.1	.05	1	$110	21GT50D
22	1	.250	.05	.05	1	$100	22GT25D
22	1	.500	.1	.05	1	$110	22GT50D
23	1	.250	.05	.05	1	$100	23GT25D
23	1	.500	.1	.05	1	$110	23GT50D
24	1	.250	.05	.05	1	$100	24GT25D
24	1	.500	.05	.05	1	$110	24GT50D
25	1	.250	.05	.05	1	$100	25GT25D
25	1	.500	.05	.05	1	$110	25GT50D
26	1	.250	.05	.05	1	$100	26GT25D
26	1	.400	.05	.05	1	$110	26GT40D
28	1	.250	.05	.05	1	$100	28GT25D
28	1	.400	.05	.05	1	$110	28GT40D
30	1	.250	.05	.05	1	$100	30GT25D
30	1	.400	.05	.05	1	$110	30GT40D
31	1	.100	.05	.05	1	$100	31GT10D
31	1	.300	.05	.05	1	$110	31GT30D
32	1	.100	.05	.05	1	$100	32GT10D
32	1	.300	.05	.05	1	$110	32GT30D
33	1	.100	.05	.05	1	$100	33GT10D
33	1	.300	.05	.05	1	$110	33GT30D

Nominal Output Voltage	Adjust Range ± V	Output Current Amps.	Regulation Load ± %	Regulation Line ± %	Ripple mV RMS	(see 'How to Order') Price per Section ($)	(see 'How to Order') Section
34	1	.100	.05	.05	1	$100	34GT10D
34	1	.300	.05	.05	1	$110	34GT30D
35	1	.100	.05	.05	1	$100	35GT10D
35	1	.200	.05	.05	1	$110	35GT20D
36	1	.100	.05	.05	1	$100	36GT10D
36	1	.200	.05	.05	1	$110	36GT20D
38	1	.100	.05	.05	1	$100	38GT10D
38	1	.200	.05	.05	1	$110	38GT20D
40	1	.100	.05	.05	1	$100	40GT10D
40	1	.200	.05	.05	1	$110	40GT20D
42	1	.100	.05	.05	1	$100	42GT10D
42	1	.200	.05	.05	1	$110	42GT20D
44	1	.100	.05	.05	1	$100	44GT10D
44	1	.200	.05	.05	1	$110	44GT20D
45	1	.100	.05	.05	1	$100	45GT10D
45	1	.200	.05	.05	1	$110	45GT20D
46	1	.100	.05	.05	1	$100	46GT10D
46	1	.200	.05	.05	1	$110	46GT20D
48	1	.100	.05	.05	1	$105	48GT10D
48	1	.200	.05	.05	1	$115	48GT20D
50	1	.100	.05	.05	1	$105	50GT10D
50	1	.200	.05	.05	1	$115	50GT20D
52	1	.100	.05	.05	1	$110	52GT10D
52	1	.200	.05	.05	1	$120	52GT20D
54	1	.100	.05	.05	1	$110	54GT10D
54	1	.200	.05	.05	1	$120	54GT20D
55	1	.100	.05	.05	1	$110	55GT10D
55	1	.200	.05	.05	1	$120	55GT20D
56	1	.050	.05	.05	1	$110	56GT05D
56	1	.100	.05	.05	1	$120	56GT10D
58	1	.050	.05	.05	1	$110	58GT05D
58	1	.100	.05	.05	1	$120	58GT10D
60	1	.050	.05	.05	1	$110	60GT05D
60	1	.100	.05	.05	1	$120	60GT10D
62	1	.050	.05	.05	1	$110	62GT05D
62	1	.100	.05	.05	1	$120	62GT10D
64	1	.050	.05	.05	1	$110	64GT05D
64	1	.100	.05	.05	1	$120	64GT10D
65	1	.050	.05	.05	1	$110	65GT05D
65	1	.100	.05	.05	1	$120	65GT10D
67	1	.050	.05	.05	1	$110	67GT05D
67	1	.100	.05	.05	1	$120	67GT10D
68	1	.050	.05	.05	1	$110	68GT05D
68	1	.100	.05	.05	1	$120	68GT10D
69	1	.050	.05	.05	1	$110	69GT05D
69	1	.100	.05	.05	1	$120	69GT10D
70	1	.050	.05	.05	1	$110	70GT05D
70	1	.100	.05	.05	1	$120	70GT10D
75	1	.050	.05	.05	1	$110	75GT05D
75	1	.100	.05	.05	1	$120	75GT10D
76	1	.020	.05	.05	1	$110	76GT02D
76	1	.050	.05	.05	1	$120	76GT05D
80	1	.020	.05	.05	1	$110	80GT02D
80	1	.050	.05	.05	1	$120	80GT05D
85	1	.020	.05	.05	1	$115	85GT02D
85	1	.050	.05	.05	1	$130	85GT05D
90	1	.020	.05	.05	1	$115	90GT02D
90	1	.050	.05	.05	1	$130	90GT05D
95	1	.020	.05	.05	1	$120	95GT02D
95	1	.050	.05	.05	1	$135	95GT05D
100	1	.020	.05	.05	1	$130	100GT02D
100	1	.050	.05	.05	1	$140	100GT05D

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DUAL OUTPUT (User-selectable)

(OUTPUTS TO 2 AMPS.)

Nominal Output Voltage	Adjust Range ± V	Output Current Amps.	Regulation Load ± %	Regulation Line ± %	Ripple mV RMS	(see 'How to Order') Price per Section ($)	(see 'How to Order') Section
1.5	.5	.400	.5	.1	1	$110	1.5GT40D
2.5	.5	.400	.5	.1	1	$110	2.5GT40D
3	.5	.400	.5	.1	1	$110	3GT40D
3	.5	.700	.5	.1	1	$115	3GT70D
3	.5	1.0	.5	.1	1	$120	3GT100D
3.3	.5	.400	.3	.1	1	$110	3.3GT40D
3.3	.5	.700	.4	.1	1	$115	3.3GT70D
3.3	.5	1.0	.5	.1	1	$120	3.3GT100D
5	.5	.500	.3	.05	1	$110	5GT50D
5	.5	.700	.4	.05	1	$115	5GT70D
5	.5	1.0	.5	.05	1	$120	5GT100D
5	.25	2.0	.5	.05	1	$140	5GT200D
6	1	.500	.15	.05	1	$110	6GT50D
6	.5	.700	.2	.05	1	$115	6GT70D
6	.5	1.0	.3	.05	1	$120	6GT100D
7	1	.500	.15	.05	1	$110	7GT50D
7	.5	.700	.2	.05	1	$115	7GT70D
7	.5	1.0	.3	.05	1	$120	7GT100D
8	1	.500	.1	.05	1	$110	8GT50D
8	.5	.700	.15	.05	1	$115	8GT70D
8	.5	1.0	.2	.05	1	$120	8GT100D
9	1	.500	.1	.05	1	$110	9GT50D
9	.5	.700	.15	.05	1	$115	9GT70D
9	.5	1.0	.2	.05	1	$120	9GT100D
10	1	.500	.1	.05	1	$110	10GT50D
10	.5	.700	.15	.05	1	$115	10GT70D
10	.5	1.0	.2	.05	1	$120	10GT100D
12	1	.500	.1	.05	1	$110	12GT50D
12	.5	.700	.1	.05	1	$115	12GT70D
12	.5	1.0	.1	.05	1	$120	12GT100D
14	1	.500	.1	.05	1	$110	14GT50D
14	.5	.700	.1	.05	1	$115	14GT70D
14	.5	1.0	.1	.05	1	$120	14GT100D
15	1	.500	.1	.05	1	$110	15GT50D
15	.5	.700	.1	.05	1	$115	15GT70D
15	.5	1.0	.1	.05	1	$120	15GT100D
16	1	.500	.1	.05	1	$110	16GT50D
16	.5	.700	.1	.05	1	$115	16GT70D
16	.5	1.0	.1	.05	1	$130	16GT100D
18	1	.500	.1	.05	1	$110	18GT50D
18	.5	.700	.1	.05	1	$115	18GT70D
18	.5	1.0	.1	.05	1	$130	18GT100D
19	1	.500	.1	.05	1	$110	19GT50D
19	.5	.750	.1	.05	1	$120	19GT75D
20	1	.500	.1	.05	1	$110	20GT50D
20	.5	.750	.1	.05	1	$120	20GT75D

(90 TO 150 VOLTS)

Nominal Output Voltage	Adjust Range ± V	Output Current Amps.	Regulation Load ± %	Regulation Line ± %	Ripple mV RMS	(see 'How to Order') Price per Section ($)	(see 'How to Order') Section
90	1	.050	.05	.05	1	$130	90GT05D
90	1	.100	.05	.05	1	$145	90GT10D
95	1	.050	.05	.05	1	$135	95GT05D
95	1	.100	.05	.05	1	$150	95GT10D
100	1	.050	.05	.05	1	$140	100GT05D
100	1	.100	.05	.05	1	$155	100GT10D
105	1	.050	.05	.05	1	$140	105GT05D
105	1	.100	.05	.05	1	$155	105GT10D
110	1	.050	.05	.05	1	$145	110GT05D
110	1	.100	.05	.05	1	$160	110GT10D
115	1	.050	.05	.05	1	$145	115GT05D
115	1	.100	.05	.05	1	$160	115GT10D
120	1	.050	.05	.05	1	$150	120GT05D
120	1	.100	.05	.05	1	$165	120GT10D
125	1	.050	.05	.05	1	$155	125GT05D
125	1	.100	.05	.05	1	$170	125GT10D
130	1	.050	.05	.05	1	$155	130GT05D
130	1	.100	.05	.05	1	$170	130GT10D
135	1	.050	.05	.05	1	$155	135GT05D
135	1	.100	.05	.05	1	$170	135GT10D
140	1	.050	.05	.05	1	$155	140GT05D
140	1	.100	.05	.05	1	$170	140GT10D
145	1	.050	.05	.05	1	$155	145GT05D
145	1	.100	.05	.05	1	$170	145GT10D
150	1	.050	.05	.05	1	$155	150GT05D
150	1	.100	.05	.05	1	$170	150GT10D

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Acopian

Gold Box

DUAL ISOLATED OUTPUTS
(5v/12v combinations)

LINEAR REGULATED
AC-DC



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

Dual isolated output power supplies may be connected to provide any desired arrangement of positive and negative output voltages. Each voltage is independently adjustable. No derating is required up to +60°C. A separate overvoltage protector on each output is available as a built-in option.

SPECIFICATIONS

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

Polarity: Outputs are floating. Each may be independently connected to provide any combination of positive and negative voltages. Outputs may be floated up to 300 volts above ground.

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

Ambient Operating Temperature: –10 to +60°C. No derating required.

Storage Temperature: –55 to +85°C.

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 91.

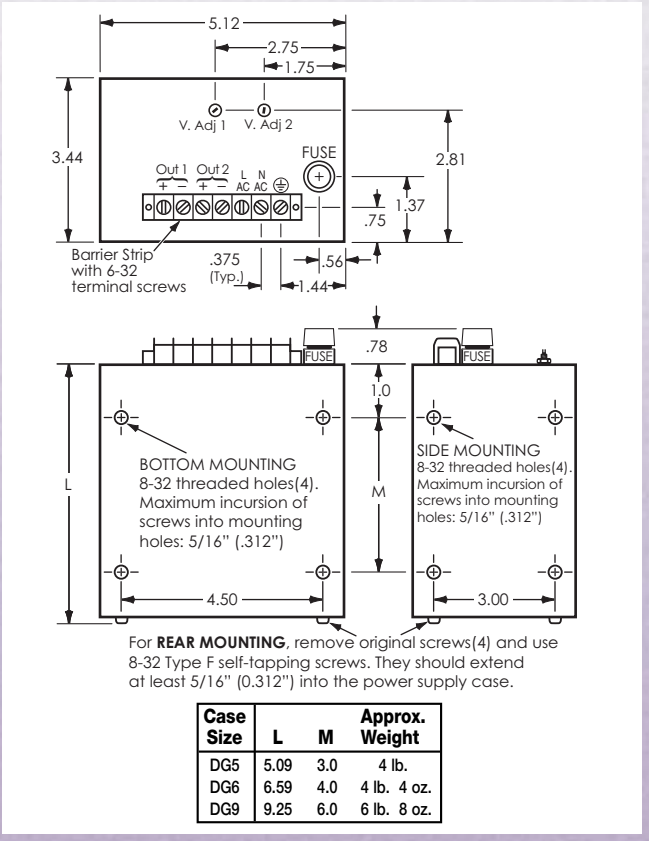
OPTIONS

Overvoltage Protection: Two separate, preset overvoltage protection circuits, one for each output. To order, add prefix "V" to model number and add $45.00 to the standard price.

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

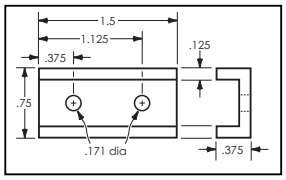
230 Volt Input: All models can be alternately furnished for operation on inputs of 210-250 VAC, 50-400 Hz. To order, add suffix "–230" to model number and $25.00 to the standard price. The "–230" option requires two additional days.

Nominal Output Voltages	Adjust Range ± V	Output Current Amps.	Regulation Load ± %	Regulation Line ± %	Ripple mV RMS	($) Price	Model	Case Size
5 12	.25 1	2.0 .600	.15 .15	.15 .15	1 1	$235	512D5A	DG5
5 12	.25 1	3.0 1.2	.15 .15	.15 .15	1 1	$270	512D6A	DG6
5 12	.25 1	6.0 2.4	.15 .15	.15 .15	1 1	$330	512D9A	DG9



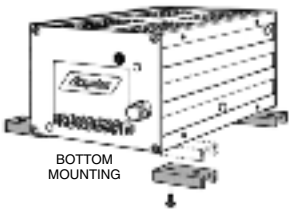
Case Size	L	M	Approx. Weight
DG5	5.09	3.0	4 lb.
DG6	6.59	4.0	4 lb. 4 oz.
DG9	9.25	6.0	6 lb. 8 oz.

Acopian
Online Ordering and Instant Quotes for ALL Acopian power supplies at ***www.acopian.com***
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WALL MOUNTING KITS ...$8

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.

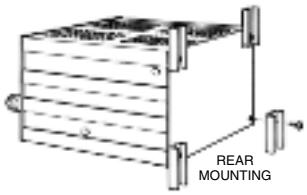


For Gold Box and modular High Voltage power supplies:

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, M6, M9, M13, RM6, RW6 TG5, TG6, TG9, TG13, TH11, WG7, WM6, WM9, Y3, Y5, Y6, YH11, YA



For Narrow Profile power supplies:

NP6 Mounting Kit *(#6-32 mounting holes)*

Can be used on these case sizes:

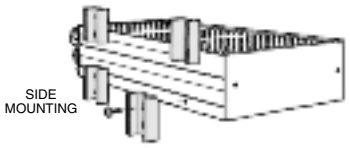
AMC, CN8T, DN6B, DN6A, DN8A, DN8, F6T, F8T, N8T, WL9, WN6A, WN6B, WN8, WN8A, TN6T

NP6L Mounting Kit *(#6-32 mounting holes)*

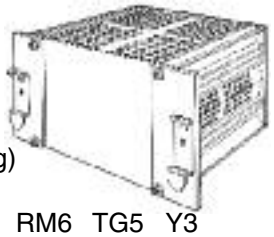
Model NP6L consists of two brackets 1.5" long as shown above, and two 2.5" long brackets (to extend beyond heat sink).

Can be used on these case sizes:

CN8H, N8H, TN8H



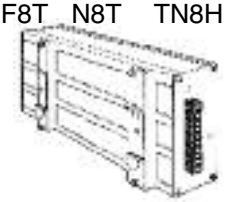
DIN RAIL MOUNTING KITS ...$15



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



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						

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

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



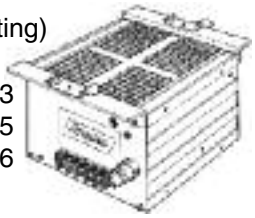
WL35DIN Mounting Kit (Vertical mounting)

Can be used on this case size: WL9

GH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes:

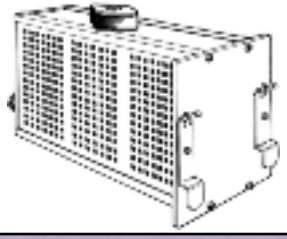
CM6	DG5	G3	GT5	M6	TG5	Y3
CM9	DG6	G5	GT6	M9	TG6	Y5
CM13	DG9	G5D	GT9	M13	TG9	Y6
		G6	GT13		TG13	
		G9				
		G13				



NPR35DIN Mounting Kit (Rear mounting)

Can be used on these case sizes:

CN8H	F6T	N8H	TN6T
CN8T	F8T	N8T	TN8H

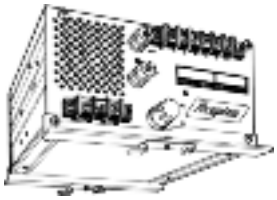


CH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes: RM6, RW6

WH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes: WM6, WM9



About Acopian's 3 Day Shipment Guarantee:

In 1964, Acopian initiated its "3 Day Shipping Guarantee." Since then our product offerings have expanded to include many more lines of power supplies that ship within 3 Days as well as others that ship within 6 or 9 Days. These guarantees apply to every model in the Acopian catalog.

Our unique 3-day shipping guarantee has prompted many questions. Below are some of those most often asked:

What does Acopian's 3-day shipping promise mean?
It means that power modules listed in this catalog are shipped within 3 days after we receive your order. High Voltage, Redundant, Rack Mounting, Systems and certain Switching power supplies are shipped within 9 days.

Has Acopian ever failed to meet this promise?
Never.

Do options affect shipping time?
The 230 volt input option and moisture/fungus-proofing option require two additional days. All other options do not affect shipping time.

Is the 3-day promise affected by quantity? Suppose we need 50 or 100 pieces?
The 3-day promise applies to orders for five or less modules. (Two or less for 9-day items). If requested, Acopian will ship five pieces of a larger order in 3 days and, with consideration of your requirement, schedule the balance. (Since each shipment is processed and priced as a separate order, for lowest prices request shipment in one lot.)

What if I need four or five different models? Does the 3-day promise still apply?
Yes. Guaranteed 3-day shipment applies to one model or to a combination of models.

Do I have to ask for 3-day shipment of my order?
3-day shipment is automatic. In fact, you must tell us if you want the shipment delayed.

How long after you ship will I have the power supplies?
Transportation time varies with the carrier used. Unless otherwise requested, Acopian ships small orders by UPS Ground.

You say Acopian has never failed to meet the 3-day promise. How do you do it?
Our facilities have been designed and equipped to meet our 3-day shipment promise. When your order is received, your power supplies are built specifically for you and shipped within three days. We do not ship from stock. (For this reason, we are unable to accept returns for credit.)

I've seen other power supply manufacturers advertise "same-day shipment." Isn't that better than 3-day shipment?
A typical vendor's "same-day shipment" advertisement can only be fulfilled if the power supplies you need are in stock. Otherwise, a four to six week delay is not unusual before inventory is replenished and your order is shipped.
Acopian's 3-day shipment promise applies to ALL 3 Day models (larger units ship within 9 Days) and is not dependent on the quantity in stock. We build each unit after the order for that unit is received. If an order is needed faster, often times we can ship in less than 3 days.

If you require shipment even earlier than our standard promise, just let us know, we can usually ship sooner. We welcome the opportunity to work with you.

ACOPIAN...

...answers your phone call with a live salesperson
No automated menus. The person who answers your call will courteously and promptly answer your questions, quote price and delivery, expedite your urgent requirements, and offer you immediate access to our engineers.
Call toll free 800-523-9478.

…can customize power supplies for you
If a standard power supply does not meet all of your requirements, speak with one of our engineers. We can often modify the specifications, ratings and configuration of a supply. We can also combine several power supplies into a Multiple Output Power System with the operating features you specify (such as meters and switches) and ship it within 9 Days!

…has a 5-year warranty
This is typical: One of our customers sent us an old power supply with a note indicating that the supply had been in continuous use since 1972 (33 years!), but he had recently noticed that the output voltage was low. We found that the capacitors had dried up, replaced them and returned the supply to the customer, who thanked us and said he intends to keep using it. We focus on making power supplies that will last a long time. There are power supplies that cost less than ours, or that are smaller than ours, but you won't find any that last longer than ours. All too often, low-priced supplies are densely packed, run hot, have short lifetimes and short warranties. All Acopian metal-cased power products have a 5-year warranty, but you can expect them to last a lot longer.

Purchase Acopian... 3-day shipment, long lasting power supplies, and unsurpassed customer service.

"In my business, Acopian is referred to as bulletproof. It never fails and lasts forever."
- Steve Andrews, President
Technical Options, Inc.

"If Acopian made automobiles, I'd buy one without question."
- David A. Price, Research Technologist
Georgia Tech Research Institute

ORDERING INFORMATION & Terms and Conditions

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 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.. All prices and specifications are subject to change without notice. Minimum order is $50.00.

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, 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 requiring customs forms for Canadian orders and for orders to certain U.S. territories.)

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. The additional cost is $25.00 per output and requires two additional days. Not available on High Voltage, Mini Encapsulated, Rack Mounting, and Gold Box Switching models.

TAGGING: Maximum of 15 characters/spaces. 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.***

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Acopian Technical Company
P.O. Box 638, Easton, PA 18044 • Phone: (610) 258-5441 • FAX: (610) 258-2842
Call toll free: (800) 523-9478 ***(International: Country Code 01)***

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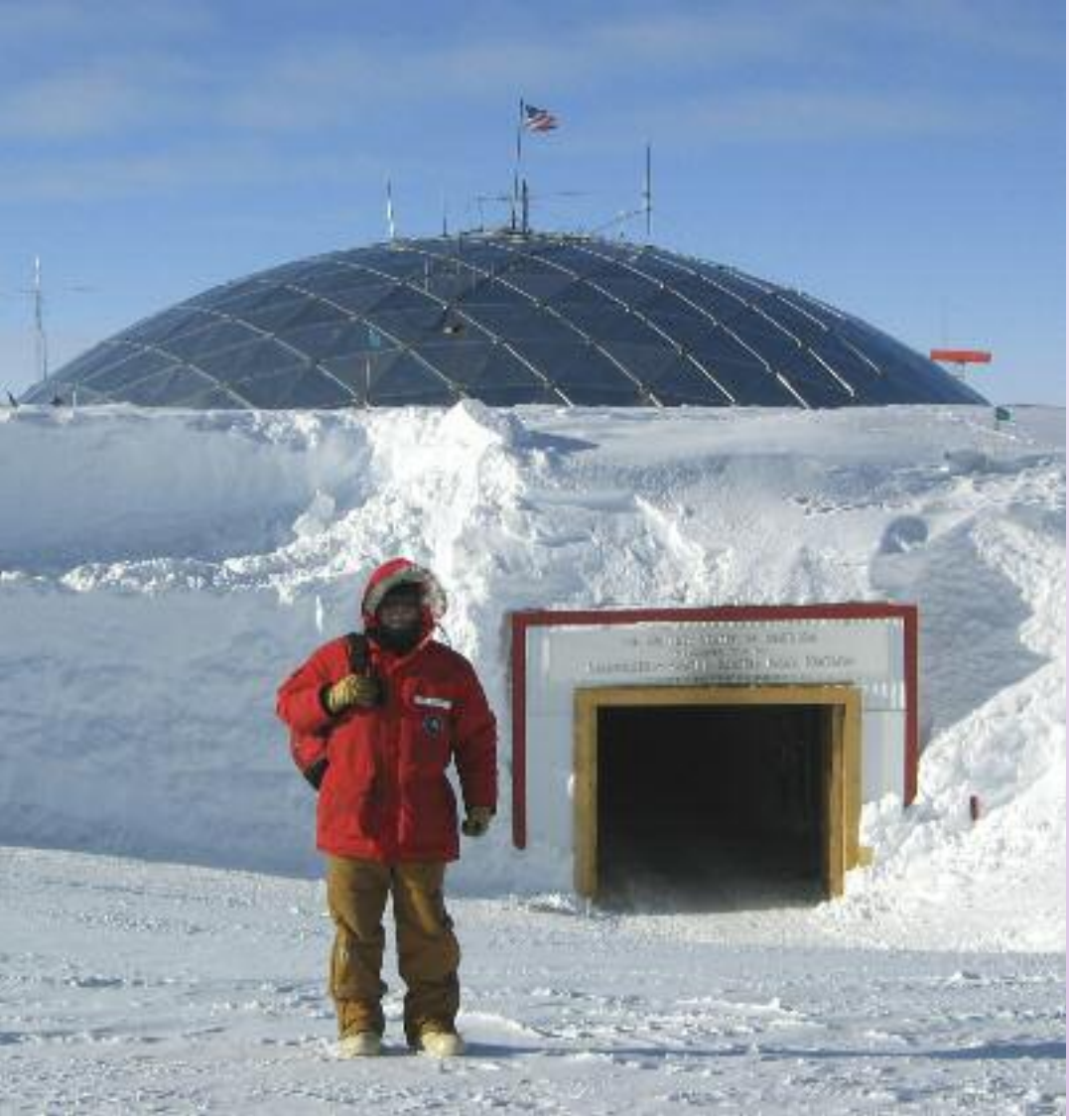


PHOTO COURTESY OF THE ICECUBE PROJECT

*"**At Project IceCube, it's absolutely critical to have a good power supply.** The ice must be as pure and clear as possible. If the power to the ice top sensor system were to fail, we would risk the tank water freezing without being controlled, resulting in bubbles and impurities, and very much reducing the quality of ice and quality of information that we can see with our detectors. **We chose Acopian power supplies to power our pumping and degassing systems because of their reputation for reliability.** The people at Acopian met all of our highly demanding specifications and, despite very little time until our window to ship to the Pole, they met our schedule. **We were 100% satisfied."***

Jim Baccus
Cable System Manager
Project IceCube
(the international high-energy neutrino observatory being built and installed in the ice below South Pole Station)

The world's most demanding environments demand Acopian power systems.

Design your own Acopian power system online with the System Builder at www.acopian.com. Simply enter your requirements, and you'll receive a quotation for fully wired multiple-output power systems, without the need for you to prepare mechanical layouts or search through a power supply catalog. Each system will be completely wired, tested and shipped within 9 days after receipt of the order. Choose Acopian – the power supplies of choice for the world's leading engineers.



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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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