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Find the *Acopian VA5H3200M* at our website: *Click HERE*

D A T A S H E E T

Acopian Power Supplies

Narrow Profile
LINEAR REGULATED
AC-DC single output
Series A & B

- 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.

Acopian

Acopian Technical Company • Easton, PA

1-800-523-9478 • www.acopian.com

Order Factory Direct VISA MasterCard American Express

Made in USA



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Narrow Profile
SINGLE OUTPUT
LINEAR REGULATED
AC-DC



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

Where only a narrow mounting space is available, Acopian Narrow Profile power supplies fit where many others cannot. Choose from Series A (High Performance) and Series B (General Purpose) models with output ratings up to 150 volts, up to 3.5 amps.

SPECIFICATIONS

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

Output Specifications: See table.
Series A: Model numbers begin with the letter A.
Series B: Model numbers begin with the letter B.

Remote Voltage Adjustment/Sensing: Standard in Series A, not available in Series B.

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

Temperature Coefficient:
Series A: 0.015%/°C (Typical).
Series B: 0.02%/°C (Typical).

Ambient Operating Temperature:
Series A: −20 to +71°C.
Series B: 0 to +71°C.

Storage Temperature: −55 to +85°C.

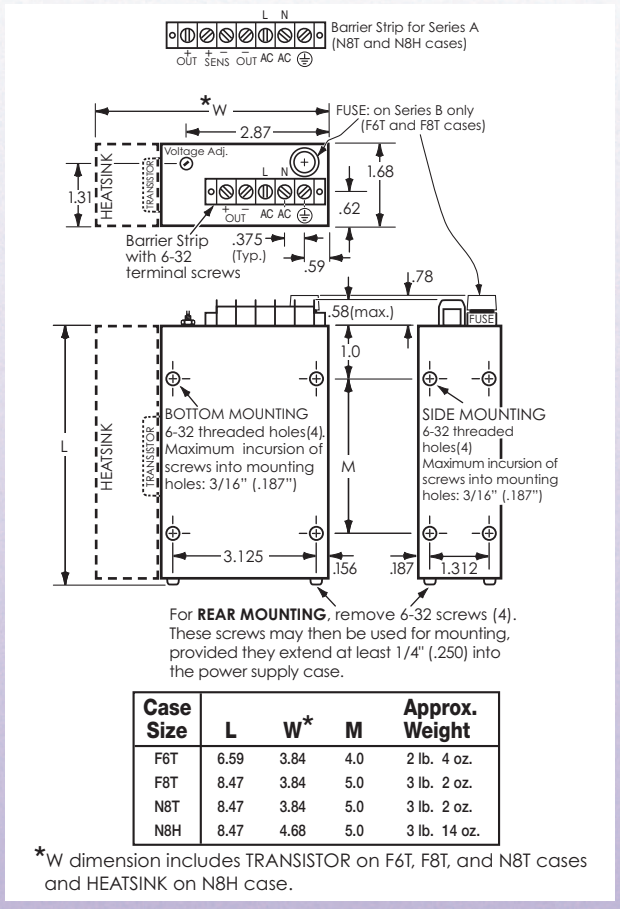
Overload/Short Circuit Protection:
Series A: Foldback current limiting with automatic recovery.
Series B: Input fuse and output current limiting.

OPTIONS

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 to 70 volts; $35.00, for 75 to 150 volt outputs.

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.



Case Size	L	W*	M	Approx. Weight
F6T	6.59	3.84	4.0	2 lb. 4 oz.
F8T	8.47	3.84	5.0	3 lb. 2 oz.
N8T	8.47	3.84	5.0	3 lb. 2 oz.
N8H	8.47	4.68	5.0	3 lb. 14 oz.

*W dimension includes TRANSISTOR on F6T, F8T, and N8T cases and HEATSINK on N8H case.

Mounting: Threaded mounting holes permit mounting to a chassis, cabinet wall or bracket, or they may be used on a test bench or tabletop. To mount from the power supply side of the mounting surface or for DIN rail mounting, see accessory Mounting Kits on page 91.

Online Ordering and Instant Quotes for ALL Acopian power supplies at ***www.acopian.com***
P.O. Box 638, Easton, PA 18044 • Phone: (610) 258-5441 • FAX: (610) 258-2842
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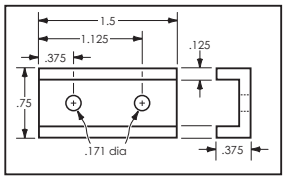
NARROW PROFILE SINGLE OUTPUT

Nominal Output Voltage	Adjust ±V	Output Current Amps. at 40°C	55°C	71°C	Regulation Load ± %*	Line ± %*	Ripple mV RMS	($) Price	Model	Case Size
1	.5	2.2	2.1	2.0	.005	.005	.250	200	A1NT220	N8T
1	.5	3.5	3.5	3.0	.005	.005	.250	235	A1NT350	N8H
1.5	.5	2.2	2.1	2.0	.005	.005	.250	200	A1.5NT220	N8T
1.5	.5	3.5	3.5	3.0	.005	.005	.250	235	A1.5NT350	N8H
2	.5	2.2	2.1	2.0	.005	.005	.250	200	A2NT220	N8T
2	.5	3.0	3.0	3.0	.005	.005	.250	235	A2NT300	N8H
3	.5	1.0	1.0	1.0	.5	.1	1	165	B3TN100	F6T
3	.5	2.2	2.1	2.0	.005	.005	.250	200	A3NT220	N8T
3	.5	3.5	3.5	3.0	.005	.005	.250	235	A3NT350	N8H
3.3	.5	1.0	1.0	1.0	.5	.1	1	165	B3.3TN100	F6T
3.3	.5	2.2	2.1	2.0	.005	.005	.250	200	A3.3NT220	N8T
3.3	.5	3.5	3.5	3.0	.005	.005	.250	235	A3.3NT350	N8H
5	.5	1.0	1.0	1.0	.1	.1	1	160	B5TN100	F6T
5	.5	1.1	1.0	1.0	.005	.005	.250	170	A5TN110	N8T
5	.5	2.2	2.1	2.0	.005	.005	.250	200	A5NT220	N8T
5	.5	3.5	3.5	3.0	.005	.005	.250	235	A5NT350	N8H
6	.5	1.0	1.0	1.0	.1	.1	1	165	B6TN100	F6T
6	.5	2.2	2.1	2.0	.005	.005	.250	200	A6NT220	N8T
6	.5	2.7	2.7	2.7	.005	.005	.250	235	A6NT270	N8H
7	1	1.0	1.0	1.0	.1	.1	1	165	B7TN100	F6T
7	.5	1.1	1.0	1.0	.005	.005	.250	185	A7TN110	N8T
7	.5	2.0	2.0	2.0	.005	.005	.250	220	A7NT200	N8H
8	1	1.0	1.0	1.0	.1	.1	1	165	B8TN100	F6T
8	.5	1.1	1.0	1.0	.005	.005	.250	185	A8TN110	N8T
8	.5	2.0	2.0	2.0	.005	.005	.250	220	A8NT200	N8H
9	1	1.0	1.0	1.0	.1	.1	1	165	B9TN100	F6T
9	.5	1.1	1.0	1.0	.005	.005	.250	185	A9TN110	N8T
9	.5	2.0	2.0	2.0	.005	.005	.250	220	A9NT200	N8H
10	1	1.0	1.0	1.0	.1	.1	1	170	B10TN100	F6T
10	.5	1.1	1.0	1.0	.005	.005	.250	185	A10TN110	N8T
10	.5	2.0	2.0	2.0	.005	.005	.250	220	A10NT200	N8H
11	1	1.0	1.0	.750	.1	.1	1	170	B11TN100	F6T
11	.5	1.1	1.0	1.0	.005	.005	.250	185	A11TN110	N8T
11	.5	2.0	2.0	2.0	.005	.005	.250	220	A11NT200	N8H
12	1	1.0	1.0	.750	.1	.1	1	170	B12TN100	F6T
12	.5	1.1	1.0	1.0	.005	.005	.250	185	A12TN110	N8T
12	.5	2.0	2.0	2.0	.005	.005	.250	220	A12NT200	N8H
13	1	1.0	1.0	.750	.1	.1	1	170	B13TN100	F6T
13	.5	1.1	1.0	1.0	.005	.005	.250	185	A13TN110	N8T
13	.5	2.0	2.0	2.0	.005	.005	.250	220	A13NT200	N8H
14	1	1.0	1.0	.750	.1	.1	1	170	B14TN100	F6T
14	.5	1.1	1.0	1.0	.005	.005	.250	185	A14TN110	N8T
14	.5	2.0	2.0	2.0	.005	.005	.250	220	A14NT200	N8H
15	1	1.0	1.0	.750	.1	.1	1	170	B15TN100	F6T
15	.5	1.1	1.0	1.0	.005	.005	.250	185	A15TN110	N8T
15	.5	2.0	2.0	2.0	.005	.005	.250	220	A15NT200	N8H
16	1	1.0	1.0	.750	.1	.1	1	170	B16TN100	F6T
16	.5	1.0	1.0	1.0	.005	.005	.250	185	A16TN100	N8T
16	.5	1.75	1.75	1.75	.005	.005	.250	220	A16NT175	N8H
18	1	.750	.750	.750	.1	.1	1	170	B18TN75	F6T
18	.5	1.0	1.0	1.0	.005	.005	.250	185	A18TN100	N8T
18	.5	1.5	1.5	1.5	.005	.005	.250	220	A18NT150	N8H
20	1	.500	.500	.500	.1	.1	1	155	B20TN50	F6T
20	.5	.900	.900	.900	.005	.005	.250	185	A20TN90	N8T
20	.5	1.25	1.25	1.25	.005	.005	.250	220	A20NT125	N8H
24	1	.750	.750	.750	.1	.1	1	170	B24TN75	F6T
24	.5	1.0	1.0	1.0	.005	.005	.250	200	A24TN100	N8T
24	.5	1.25	1.25	1.25	.005	.005	.250	225	A24NT125	N8H
25	1	.750	.750	.750	.1	.05	1	170	B25TN75	F6T
25	.5	.750	.750	.750	.005	.005	.250	200	A25TN75	N8T
25	.5	1.25	1.25	1.25	.005	.005	.250	225	A25NT125	N8H

Nominal Output Voltage	Adjust ±V	Output Current Amps. at 40°C	55°C	71°C	Regulation Load ± %	Line ± %	Ripple mV RMS	($) Price	Model	Case Size
26	1	.750	.750	.750	.1	.05	1	170	B26TN75	F6T
26	.5	1.25	1.25	1.25	.005	.005	.250	225	A26NT125	N8H
28	1	.700	.700	.700	.1	.05	1	170	B28TN70	F6T
28	.5	.800	.800	.800	.005	.005	.250	200	A28NT80	N8T
28	.5	1.25	1.25	1.25	.005	.005	.250	225	A28NT125	N8H
30	1	.500	.500	.500	.05	.05	1	170	B30TN50	F6T
30	.5	.750	.750	.750	.005	.005	.250	205	A30NT75	N8T
30	.5	1.1	1.1	1.1	.005	.005	.250	235	A30NT110	N8H
32	1	.400	.400	.400	.05	.05	1	165	B32TN40	F6T
32	.5	.600	.600	.600	.005	.005	.250	200	A32TN60	N8T
34	1	.400	.400	.400	.05	.05	1	165	B34TN40	F6T
34	.5	1.1	1.1	1.1	.005	.005	.250	235	A34NT110	N8H
35	1	.400	.400	.400	.05	.05	1	165	B35TN40	F6T
35	.5	.600	.600	.600	.005	.005	.250	200	A35TN60	N8T
35	.5	1.1	1.1	1.1	.005	.005	.250	235	A35NT110	N8H
36	1	.400	.400	.400	.05	.05	1	165	B36TN40	F6T
36	.5	.600	.600	.600	.005	.005	.250	200	A36TN60	N8T
36	.5	1.0	1.0	1.0	.005	.005	.250	235	A36NT100	N8H
38	1	.200	.200	.200	.05	.05	1	155	B38TN20	F6T
40	1	.400	.400	.400	.05	.05	1	175	B40TN40	F6T
40	.5	.750	.750	.750	.005	.005	.250	220	A40NT75	N8T
45	1	.400	.400	.400	.05	.05	1	185	B45TN40	F6T
45	.5	.600	.600	.600	.005	.005	.250	225	A45NT60	N8T
48	1	.400	.400	.400	.05	.05	1	200	B48TN40	F6T
48	.5	.500	.500	.500	.005	.005	.250	235	A48NT50	N8T
50	1	.400	.400	.400	.05	.05	1	210	B50FT40	F6T
50	1	.450	.450	.450	.005	.005	.250	250	A50NT45	N8T
55	1	.200	.200	.200	.05	.05	1	175	B55FT20	F6T
55	1	.400	.400	.400	.005	.005	.250	250	A55NT40	N8T
60	1	.150	.150	.150	.05	.05	1	175	B60FT15	F6T
60	1	.350	.350	.350	.005	.005	.250	250	A60NT35	N8T
65	1	.100	.100	.100	.05	.05	1	170	B65FT10	F6T
65	1	.250	.250	.250	.05	.05	1	215	B65FT25	F8T
65	1	.270	.270	.270	.005	.005	.250	250	A65NT27	N8T
67	1	.100	.100	.100	.05	.05	1	170	B67FT10	F6T
70	1	.100	.100	.100	.05	.05	1	170	B70FT10	F6T
70	1	.250	.250	.250	.005	.005	.250	250	A70NT25	N8T
75	1	.200	.200	.200	.05	.05	1	210	B75FT20	F8T
75	1	.250	.250	.250	.005	.005	.250	250	A75NT25	N8T
80	1	.100	.100	.100	.05	.05	1	180	B80FT10	F6T
80	1	.200	.200	.200	.05	.05	1	210	B80FT20	F8T
80	1	.250	.250	.250	.005	.005	.250	250	A80NT25	N8T
85	1	.250	.250	.250	.005	.005	.250	250	A85NT25	N8T
90	1	.100	.100	.100	.05	.05	1	185	B90FT10	F6T
90	1	.200	.200	.200	.05	.05	1	215	B90FT20	F8T
90	1	.250	.250	.250	.005	.005	.250	255	A90NT25	N8T
95	1	.200	.200	.200	.05	.05	1	220	B95FT20	F8T
95	1	.200	.200	.200	.005	.005	.250	250	A95NT20	N8T
100	1	.100	.100	.100	.05	.05	1	210	B100FT10	F6T
100	1	.200	.200	.200	.05	.05	1	225	B100FT20	F8T
100	1	.200	.200	.200	.005	.005	.250	260	A100NT20	N8T
110	1	.100	.100	.100	.05	.05	1	210	B110FT10	F6T
115	1	.100	.100	.100	.05	.05	1	210	B115FT10	F6T
120	1	.050	.050	.050	.05	.05	1	205	B120FT05	F6T
120	1	.200	.200	.200	.05	.05	1	235	B120FT20	F8T
120	1	.200	.200	.200	.005	.005	.250	260	A120NT20	N8T
125	1	.050	.050	.050	.05	.05	1	205	B125FT05	F6T
125	1	.200	.200	.200	.05	.05	1	235	B125FT20	F8T
125	1	.200	.200	.200	.005	.005	.250	260	A125NT20	N8T
150	1	.100	.100	.100	.05	.05	1	225	B150FT10	F8T
150	1	.100	.100	.100	.005	.005	.250	260	A150NT10	N8T

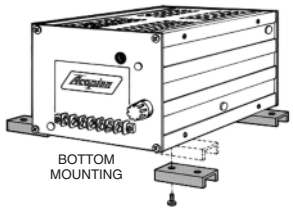
*or 2 mv, whichever is greater

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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.



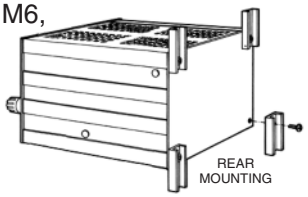
For Gold Box and modular High Voltage power supplies:

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:

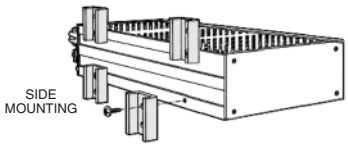
AMC, CN8T, DN6B, DN6A, DN8A, DN8, F6T, F8T, N8T, WL9, WN6A, WN6B, WN8, WN8A, TN6T

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

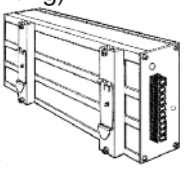


DIN RAIL MOUNTING KITS ...$15

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



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

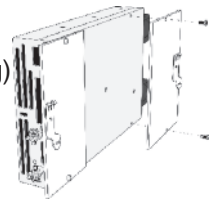


WL35DIN Mounting Kit (Vertical mounting)

Can be used on these case sizes: WL7, WL9

WLH35DIN Mounting Kit (Horizontal mounting)

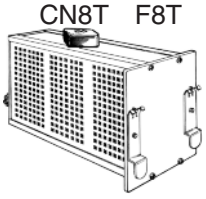
Can be used on these case sizes: WL7, WL9



NPR35DIN Mounting Kit (Rear mounting)

Can be used on these case sizes:

CN8H	F6T	N8H	TN6T
CN8T	F8T	N8T	TN8H



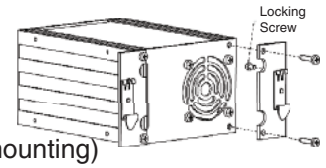
CH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes: RM6, RW6

WH35DIN Mounting Kit (Horizontal mounting)

Can be used on these case sizes: WM6, WM9

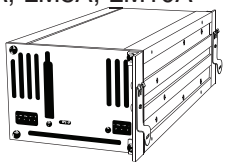




LR35DIN Mounting Kit (Rear mounting)

LH35DIN Mounting Kit (Horizontal mounting)

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



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				

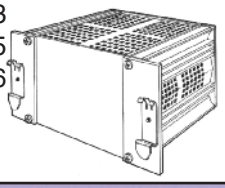


GR35DIN Mounting Kit (Rear mounting)

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						

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



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

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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.***

www.acopian.com *- Online Ordering and Instant Quotes Online!*

ALL ACOPIAN POWER SUPPLIES MADE IN U.S.A.

Acopian
Since 1957

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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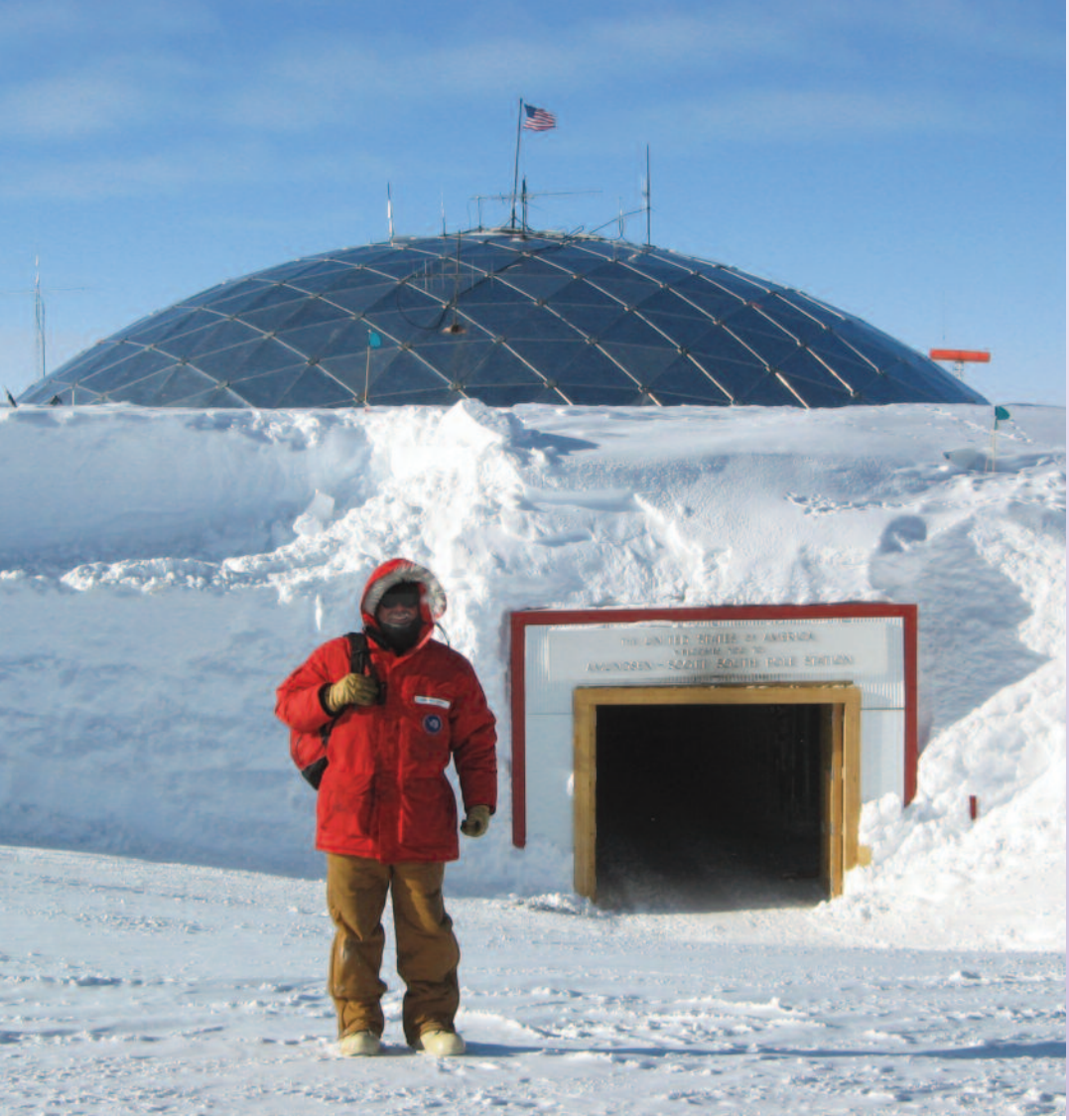


PHOTO COURTESY OF THE ICECUBE PROJECT

*"**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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