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Plug-in

DUAL ISOLATED OUTPUTS
(User-selectable)

LINEAR REGULATED
AC-DC



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

Space-saving Acopian duals combine two electrically independent DC outputs in a single case. Either identical or different outputs may be selected. And every combination is supplied with Acopian's usual 3 day shipment guarantee and 5 year warranty. Like all Acopian Plug-ins, a dual-output module can be installed in seconds. Simply plug it into a standard 11-pin socket. Acopian duals are exceptionally dependable, too - offering the highest reliability of any available series-regulated power supply.

SPECIFICATIONS

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

Output Specifications: See page F46.

Polarity: Outputs are floating. Each section may be independently connected to provide any combination of positive and negative outputs.

Short Circuit Protection: Delivers current surges without damage—to protect against prolonged overloads and shorts, use of an input fuse is recommended.

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

Ambient Operating Temperature: –10 to +65°C. No derating required.

MIL Tested and Extended Temperature Range: See page F48.

Storage Temperature: –55 to +85°C.

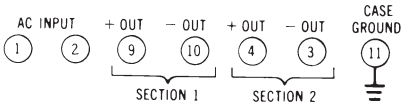
Installation: Plugs into standard 11-pin octal-type socket (see page H4). Four mounting holes (6-32) are provided in the base for fastening the module when used in other than the upright position, or if extreme vibration will be encountered.

HOW TO ORDER

Select two **sections** from the table on page F46. The complete model number is the combination of the two **sections** selected. Example: The combination of section 6J40D and section 12J100D is Model 6J40D-12J100D. Always assign the lower voltage section first. (Two of the same section can also be selected.) Where the indicated case sizes for the two sections differ, the larger case size applies.

PIN CONNECTIONS:

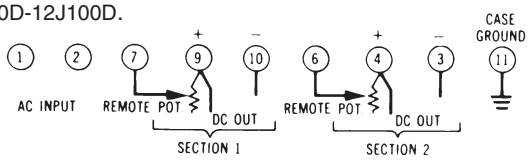
Standard model.



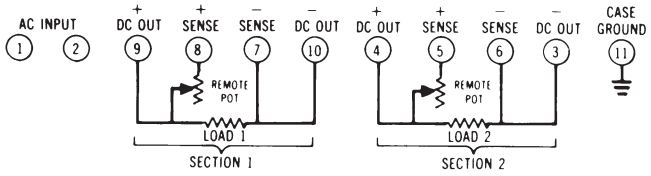
OPTIONS

Solder Terminals: All models can be furnished with solder terminals instead of the octal type plug. Contact factory or see web site for detailed information.

Remote Output Adjustment: All models have local voltage adjustments. When provision for remote (external) adjustments is also desired, add prefix "E" to model number. Example: E6J40D-12J100D.



Remote Sensing: Provision for remote sensing of the output voltages, to compensate for drops in the load lines, can be furnished. Add prefix "R" to model number when ordering. "R" power supplies have local voltage adjustments and provision for remote (external) output adjustments.



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

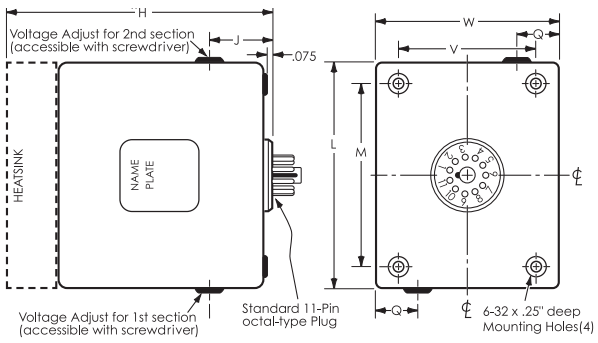
Overvoltage Protection: Two separate, preset overvoltage protection circuits, one for each output. To order, add prefix "V" to model number.

Online Ordering and Instant Quotes for ALL Acopian power supplies at ***www.acopian.com***
131 Loomis Street, Easton, PA 18045 • Phone: (610) 258-5441 • FAX: (610) 258-2842

DUAL OUTPUT (User-selectable)

Nominal Output Voltage	Adjust Range ± V	Output Current Amps.	Regulation Load ± %	Regulation Line ± %	Ripple mV RMS	(see 'How to Order') Section	Case Size
3.3	.5	.500	.5	.05	1	3.3J50D	TDJ
3.3	.5	.700	.5	.05	1	3.3J70D	UDJ
3.3	.5	1.0	.5	.05	1	3.3J100D	WDJ
4	1	.500	.3	.05	1	4J50D	TDJ
4	.5	.700	.4	.05	1	4J70D	UDJ
4	.5	1.0	.5	.05	1	4J100D	WDJ
5	1	.400	.3	.05	1	5J40D	TDJ
5	1	.500	.3	.05	1	5J50D	TDJ
5	.5	.700	.4	.05	1	5J70D	UDJ
5	.5	1.0	.5	.05	1	5J100D	WDJ
5	.25	2.0	.5	.05	1	5J200D	WDJ
6	1	.400	.15	.05	1	6J40D	TDJ
6	1	.500	.15	.05	1	6J50D	TDJ
6	.5	.700	.2	.05	1	6J70D	UDJ
6	.5	1.0	.3	.05	1	6J100D	WDJ
7	1	.400	.15	.05	1	7J40D	TDJ
7	1	.500	.15	.05	1	7J50D	TDJ
7	.5	.700	.2	.05	1	7J70D	UDJ
7	.5	1.0	.3	.05	1	7J100D	WDJ
8	1	.400	.1	.05	1	8J40D	TDJ
8	1	.500	.1	.05	1	8J50D	TDJ
8	.5	.700	.15	.05	1	8J70D	UDJ
8	.5	1.0	.2	.05	1	8J100D	WDJ
9	1	.500	.1	.05	1	9J50D	TDJ
9	.5	.700	.15	.05	1	9J70D	UDJ
9	.5	1.0	.2	.05	1	9J100D	WDJ
10	1	.400	.1	.05	1	10J40D	TDJ
10	1	.500	.1	.05	1	10J50D	TDJ
10	.5	.700	.15	.05	1	10J70D	UDJ
10	.5	1.0	.2	.05	1	10J100D	WDJ
12	1	.400	.1	.05	1	12J40D	TDJ
12	1	.500	.1	.05	1	12J50D	TDJ
12	.5	.700	.1	.05	1	12J70D	UDJ
12	.5	1.0	.1	.05	1	12J100D	WDJ
13	1	.500	.1	.05	1	13J50D	TDJ
13	.5	.700	.1	.05	1	13J70D	UDJ
13	.5	1.0	.15	.05	1	13J100D	WDJ
15	1	.400	.1	.05	1	15J40D	TDJ
15	1	.500	.1	.05	1	15J50D	TDJ
15	.5	.700	.1	.05	1	15J70D	UDJ
15	.5	1.0	.15	.05	1	15J100D	WDJ
18	1	.400	.1	.05	1	18J40D	TDJ
18	1	.500	.1	.05	1	18J50D	TDJ
18	1	.750	.15	.05	1	18J75D	WDJ
18	.5	1.0	.15	.05	1	18J100D	WDJ

Nominal Output Voltage	Adjust Range ± V	Output Current Amps.	Regulation Load ± %	Regulation Line ± %	Ripple mV RMS	(see 'How to Order') Section	Case Size
20	1	.400	.1	.05	1	20J40D	TDJ
20	1	.500	.1	.05	1	20J50D	TDJ
20	1	.750	.15	.05	1	20J75D	WDJ
22	1	.400	.1	.05	1	22J40D	TDJ
24	1	.400	.1	.05	1	24J40D	TDJ
26	1	.400	.05	.05	1	26J40D	TDJ
28	1	.400	.05	.05	1	28J40D	TDJ
30	1	.400	.05	.05	1	30J40D	TDJ
32	1	.300	.05	.05	1	32J30D	TDJ
34	1	.300	.05	.05	1	34J30D	TDJ
35	1	.200	.05	.05	1	35J20D	TDJ
36	1	.200	.05	.05	1	36J20D	TDJ
40	1	.200	.05	.05	1	40J20D	TDJ
45	1	.200	.05	.05	1	45J20D	TDJ
48	1	.200	.05	.05	1	48J20D	TDJ
50	1	.200	.05	.05	1	50J20D	TDJ
55	1	.200	.05	.05	1	55J20D	TDJ
60	1	.100	.05	.05	1	60J10D	TDJ
65	1	.100	.05	.05	1	65J10D	TDJ
70	1	.050	.05	.05	1	70J05D	TDJ
70	1	.100	.05	.05	1	70J10D	TDJ
75	1	.100	.05	.05	1	75J10D	TDJ
80	1	.100	.05	.05	1	80J10D	TDJ
85	1	.100	.05	.05	1	85J10D	TDJ
90	1	.100	.05	.05	1	90J10D	TDJ
95	1	.100	.05	.05	1	95J10D	TDJ
100	1	.100	.05	.05	1	100J10D	TDJ
105	1	.100	.05	.05	1	105J10D	TDJ
110	1	.100	.05	.05	1	110J10D	TDJ
115	1	.100	.05	.05	1	115J10D	TDJ
120	1	.100	.05	.05	1	120J10D	TDJ
125	1	.100	.05	.05	1	125J10D	TDJ
130	1	.100	.05	.05	1	130J10D	TDJ
135	1	.100	.05	.05	1	135J10D	TDJ
140	1	.100	.05	.05	1	140J10D	TDJ
145	1	.100	.05	.05	1	145J10D	TDJ
150	1	.100	.05	.05	1	150J10D	TDJ



*H dimension includes HEATSINK on UDJ and WDJ case sizes.

Case Size	L	W	H*	M	V	J	Q	Approx. Weight
TDJ	4.15	3.33	4.85	2.750	2.562	1.12	.62	3 lb.
UDJ	4.15	3.33	5.53	2.750	2.562	1.12	.62	3 lb.
WDJ	5.02	3.40	5.53	3.562	2.562	1.12	.62	4 lb. 12 oz.

All dimensions in inches.

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