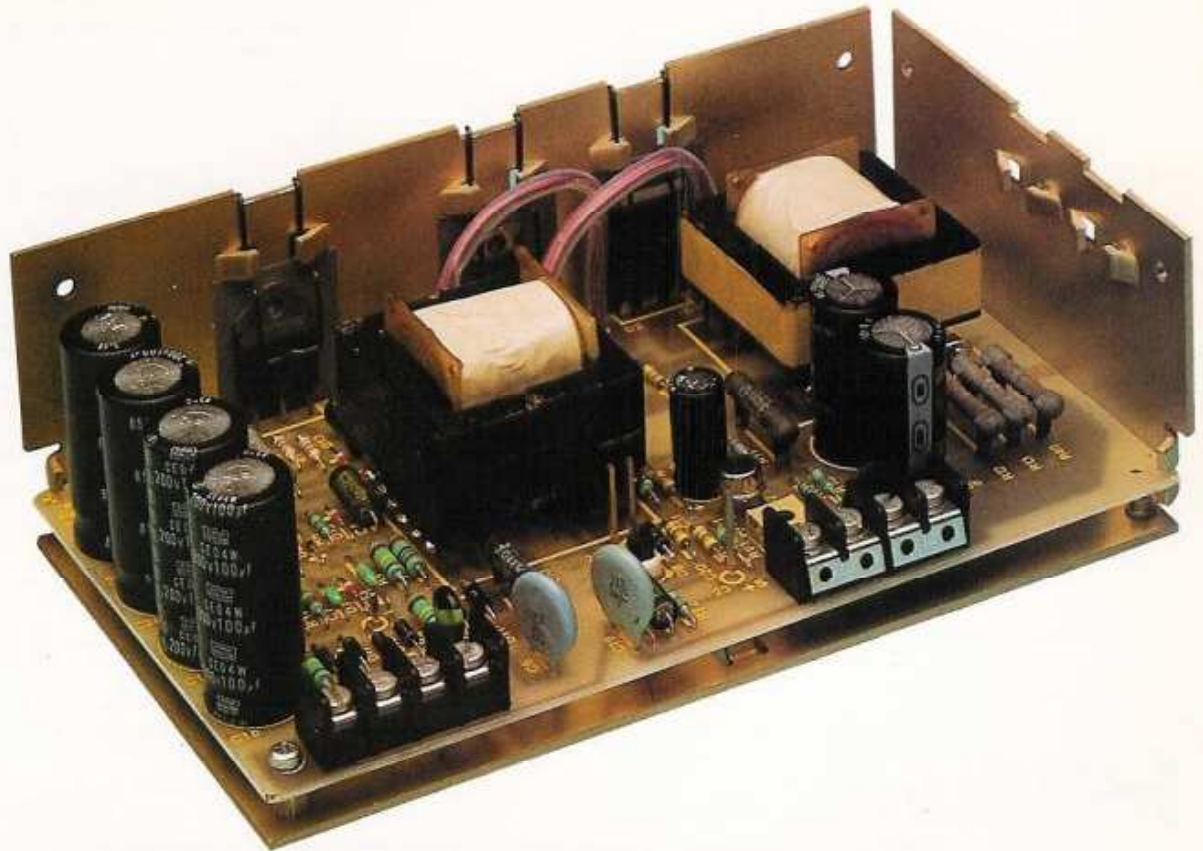


Econoflex



Now you can use a switched mode power supply where previously it might not have been economic. ECONOFLEX is right for today's tight budgets. ECONOFLEX is easy to install and highly versatile – and it's ready for off-the-shelf delivery.

Specification

(At nominal input and output and 25°C)

Input

110V nominal setting 88-132V.
 220V nominal setting 176-264V.
 47-440 Hz

Outputs

Type No.	Main	Auxiliary		
		1	2	3
EX 5-12	5V 12A			
EX 5-20	5V 20A			
EX 24-5	24V 5A			
EXT 60/12	5V 6A	12V 1A	12V 1A	
EXT 60/15	5V 6A	15V 1A	15V 1A	
EXT 90/12	5V 10A	12V 1.5A	12V 1.5A	
EXT 90/15	5V 10A	15V 1.5A	15V 1.5A	
EXQ 180/12*	5V 20A	+12V 3.5A	-12V 3.5A	24V 2A
EXQ 180/15*	5V 20A	+15V 3A	-15V 3A	24V 2A

Other outputs available on request up to 350W.

*Total output power 180W.

- Dual input
- Low component count
- All outputs fully regulated and floating
- All outputs overload and short circuit protected
- Designed to meet UL and CSA requirements

Main Outputs

Adjustment range $\pm 10\%$

Regulation

(worst case combination of full input change and 5 to 100% load change) Typical 0.2%

Ripple and Noise

(DC to 30MHz) 0.2% rms
 0.8% pk-pk

Temperature Coefficient

0.05%/°C

Auxiliary Outputs

	Typical	Typ EXQ 180
Line regulation:	0.01%	0.1%
Load regulation:	0.1%	0.2%
Cross regulation (50% load change on main output)	0.05%	0.05%
Temperature Coefficient	0.0125%/°C	0.02%/°C
Ripple and Noise (DC to 30MHz)	0.05% rms	0.2% rms
	0.5% pk-pk	0.8% pk-pk

- Overvoltage protection available on main output, as optional extra.
- Remote sensing on main output
- Covers are available as an option
- Mains failure signal available as an option

Temperature Range

Operating: 0°C to +60°C
 Derating by 2½%/°C on both total power and output current above 40°C.

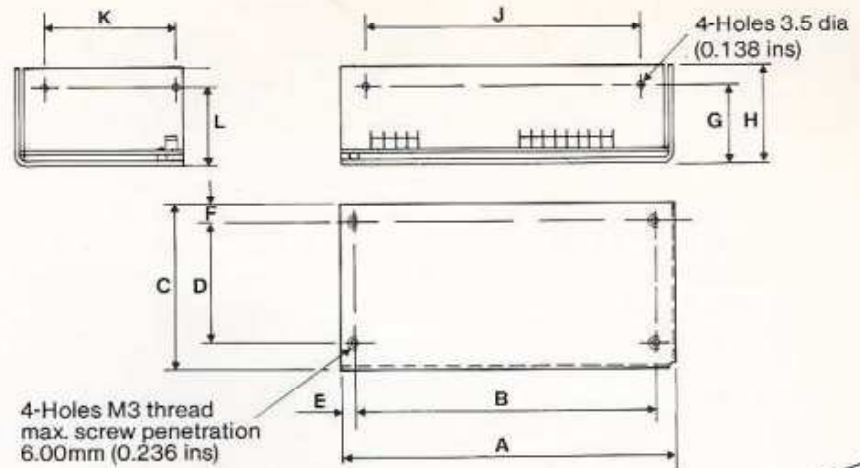
Isolation Test

2500V rms input to output
 2000V rms input to earth
 500V rms output to earth
 Tested for one minute.

Hold-up at Full Load

All outputs will remain within specification for a full missing cycle (28 mS) at nominal input voltage. Provision is made for increased hold-up performance by adding external reservoir capacitors.

Dimensions

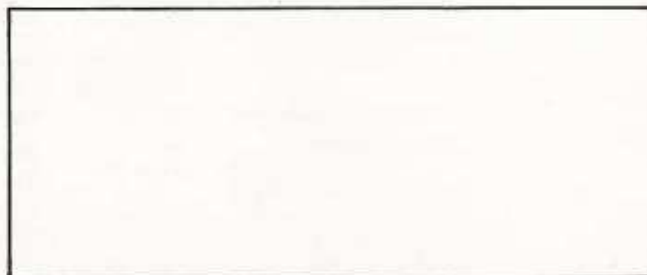


Simflex

DIM	SX 5-10		SXD 60		SXT 50		SXT 75	
	MM	INS	MM	INS	MM	INS	MM	INS
A	185	7.28	185	7.28	185	7.28	215	8.46
B	170	6.69	170	6.69	170	6.69	200	7.87
C	117	4.60	117	4.60	117	4.60	117	4.60
D	86	3.38	86	3.38	86	3.38	86	3.38
E	6	0.23	6	0.23	6	0.23	6	0.23
F	16	0.63	16	0.63	16	0.63	16	0.63
G	60	2.36	60	2.36	60	2.36	60	2.36
H	66	2.59	66	2.59	66	2.59	66	2.59
J	165	6.49	165	6.49	165	6.49	195	7.67
K	97	3.82	97	3.82	97	3.82	97	3.82
Weight	0.9 kg	2 lbs	0.9 kg	2 lbs	0.9 kg	2 lbs	1.1 kg	2.42 lbs

Econoflex

DIM	EX 5-12		EXT 60, EX 24-5		EXT 90, EX 5-20		EXQ 180	
	MM	INS	MM	INS	MM	INS	MM	INS
A	185	7.28	185	7.28	215	8.46	342	13.46
B	170	6.69	170	6.69	200	7.87	328	12.91
C	108	4.25	108	4.25	108	4.25	118	4.64
D	86	3.38	86	3.38	86	3.38	99	3.89
E	7	0.27	7	0.27	7	0.27	6	.23
F	7	0.27	7	0.27	7	0.27	6	.23
G	47	1.85	47	1.85	47	1.85	63.5	2.50
H	57	2.24	57	2.24	57	2.24	76	2.99
J	165	6.49	165	6.49	195	7.67	266	10.47
K	90	3.54	90	3.54	90	3.54	96	3.77
L	47	1.85	47	1.85	47	1.85	68.5	2.69
Weight	0.7 kg	1.54 lbs	0.8 kg	1.73 lbs	0.93 kg	2.05 lbs	1.92 kg	4.23 lbs



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