

# WALL TRANSFORMERS



**STYLE D**  
Screw  
Terminals



**STYLE C**  
Wall Type



**STYLE B**  
Table Top



co-ax plug



phone plug

## A.C. WALL TRANSFORMERS

	VOLTS	AMPS	TERMINATION	STYLE	CAT#	PRICE	100+
	6 Vac	600 ma	3.5mm phone plug	C	<b>ACTX-660</b>	\$3.50	\$2.75
<b>NEW</b>	8 Vac	300 ma	Screw terminals	D	<b>ACTX-831</b>	\$4.95	\$4.35
	8 Vac	3 amp	pigtail leads	C	<b>ACTX-83</b>	\$7.00	\$6.00
	9 Vac	13.5VA	3.5mm phone plug	C	<b>ACTX-915</b>	\$5.95	\$5.25
<b>NEW</b>	9 Vac	700 ma	bare wires	C	<b>ACTX-970</b>	\$4.50	\$4.00
	16 Vac	20VA	Screw terminals	D	<b>ACTX-1620</b>	\$7.00	\$6.00
	16 Vac	40VA	Screw terminals	D	<b>ACTX-1640</b>	\$9.25	\$8.50
	24 Vac	12VA	2.1mm right-angle	C	<b>ACTX-2412</b>	\$6.00	\$5.00
	24 Vac	750 mA (18VA)	pigtail leads	C	<b>ACTX-2418</b>	\$6.50	\$5.50
	24 Vac	830 mA (20VA)	Screw terminals	D	<b>ACTX-2420</b>	\$8.95	\$7.70
	24 Vac	1.6 amp (40VA)	Screw terminals	D	<b>ACTX-2440</b>	\$9.50	\$8.75
	24 Vac	2000 mA	2.1mm co-ax	B	<b>ACTX-2422</b>	\$11.50	\$10.85

**A Note on Wall Transformers:** A.C. and D.C. Wall Transformers are not regulated unless otherwise stated. They provide a specified voltage at a specified load. If the load is lower than specified, the voltage will be higher than specified. With a higher load, the voltage will drop below that specified. For example, a 12 volt 500 ma. wall transformer may read 20 volts with no load or 9 Volts with a 600 ma. load.

## D.C. WALL TRANSFORMERS

	VOLTS	AMPS	TERMINATION	CENTER	STYLE	CAT#	PRICE	100+
	3 Vdc	100 ma	2.5mm phone plug	negative	C	<b>DCTX-31</b>	\$1.35	\$1.00
	3 Vdc	300 ma	3.5mm phone plug	positive	C	<b>DCTX-331</b>	\$2.50	\$1.65
	* 5.5 Vdc	300 ma	bare wire		C	<b>DCTX-532</b>	\$3.50	\$2.50
	6 Vdc	200 ma	1.3mm co-ax	positive	C	<b>DCTX-620</b>	\$2.65	\$2.20
	6 Vdc	300 ma	1.3mm co-ax	positive	C	<b>DCTX-634</b>	\$3.00	\$2.50
	6 Vdc	800 ma	2.5 mm co-ax	positive	C	<b>DCTX-681</b>	\$3.50	\$2.25
	7.5 Vdc	500 ma	1.3mm co-ax	positive	C	<b>DCTX-755</b>	\$3.50	\$2.50
	9 Vdc	150 ma	1.7mm co-ax	positive	C	<b>DCTX-9150</b>	\$2.50	\$1.65
	9 Vdc	300 ma	1.3 mm co-ax	positive	C	<b>DCTX-936</b>	\$2.85	\$2.10
	9 Vdc	700 ma	1.5 mm co-ax	positive	C	<b>DCTX-970</b>	\$4.00	\$3.00
<b>NEW</b>	9 Vdc	1 amp	2.1 mm co-ax	positive	C	<b>DCTX-910</b>	\$5.00	\$4.25
	* 12 Vdc	500 ma	2.1 mm co-ax	positive	C	<b>PS-1251</b>	\$8.50	\$8.00
	16 Vdc	900 ma	2.5 mm co-ax	positive	C	<b>DCTX-169</b>	\$6.95	\$6.10
	24 Vdc	550 ma	2.1 mm co-ax	positive	C	<b>DCTX-2451</b>	\$6.75	\$6.00

### \* Regulated Wall Transformer

For regulated plug-in-wall switching power supplies see pages 58 and 59

## DC POWER PLUG CONVERTERS

If your wall transformer doesn't have the correct coax power plug, these adapters may help. They will change the plug size, not the polarity. If you need to change polarity, cut off the plug, reverse the wires and resplice it.

- CAT# DCA-1** Changes 2.5mm to 2.1mm
- CAT# DCA-2** Changes 2.1mm to 2.5mm
- CAT# DCA-3** Changes 2.1mm to 1.3mm
- CAT# DCA-4** Changes 2.1mm to 1.7mm
- CAT# DCA-6** Changes 2.1mm to 3.5mm phone plug



- CAT# DCA-7** Converts 2.1mm coax plugs to 2.5mm.



Any of the adapters above \$2.00 each

## CURRENT TRANSFORMERS

WICC # MW1003. 0.66" window, 1.90 O.D., 1.42" high. 2.05" square mounting base with holes in four corners. 24" leads. 0.6 KV. 50-400Hz. Ratio: 150/1. Burden: 5 @ 60Hz. UL. **CAT# TXC-3** \$6.50 each



Instrument Transformers, Inc. #19SHT-202 Ratio: 2000:5A. RF 1.33 ACC CLASS B0.5 0.3. 50-400Hz. 600V Insulation. Class 10KV. BIL 5.87" x 5.87" x 1.11". 4.25" dia. window. Brass studs with nuts. cULus. **CAT# TXC-1** \$35.00 each



Instrument Transformer #19SHT-152-1. Ratio: 1500:1A. 50-400Hz 600V Ins. Class 10KV BIL. 6.0" x 6.0" x 1.2". 4.25" window. UL, CSA. **CAT# TXC-2** \$35.00 each

## MULTI-VOLTAGE SWITCHING POWER SUPPLIES

Regulated switching power supplies. Ideal for a variety of portable appliances and breadboard projects. Selectable voltages: 3/ 4.5/ 6 / 7.5 / 9 / 12 Vdc. Includes a variety of connectors that fit popular home electronics. Available in 1A and 2.2A sizes.



- 1 Amp Max. current **CAT # PS-10** \$13.95 each
- 2.2 Amp Max. current **CAT# PS-22** \$21.95 each

ORDER TOLL FREE 1-800-826-5432

## 150 VA STEP-DOWN TRANSFORMER

Acme Transformer # FS-3-150

Primary: 208 to 600 Vac.

Secondary: 85 to 130 Vac  
150VA, 50/60 Hz

Screw-terminal taps on primary and secondary provide a wide range of adjustment. 4.50" x 3.55" x 4.10" high. Mounting holes on 3.75" x 2.25" centers. 8 lbs.

**CAT# TX-150** \$49.00 each



## POWER SUPPLIES

### 0-30VDC +5VDC +12VDC LAB POWER SUPPLY/LCD DISPLAY

0-30 Vdc, 3 Amp -- adjustable voltage and current. 12 Vdc, 1.2-1.6 A. 5 Vdc, 1.2-1.6 A

Digital LCD displays for Voltage and Current (for adjustable supply). Current limit indicator. Ripple and noise < 5 mV. Short circuit protected. Fused 6" x 5.75" x 12" 4.5 Kg.

**CAT# PS-613** \$184.95 each



### VARIABLE POWER SUPPLY, 0-30 VOLT / 0-3 AMP

HQ Power # PS3003U.

Compact, single output lab power supply. Dual LCD displays. Coarse and fine adjustments for voltage and current. Settable voltage and current limits with LEDs to indicate when current or voltage limits are operational.

Size: 6" H x 5 1/2" W x 11 1/2" D  
Weight: 11 lbs. 1 year warranty.

**CAT# PS-3003** \$179.75 each



## MULTI-OUTPUT SWITCHERS

**SWITCHING POWER SUPPLIES  
MUST BE TESTED UNDER LOAD!**

### 12VDC/2A, 5VDC/2A POWER SUPPLY

Input: 100-240Vac  
Output: 12Vdc @ 2A,  
5Vdc @ 2A

Table-top supply with detachable power cord. Output is 29" cord with 6-pin mini-DIN plug. CE.

**CAT# PS-0512** \$14.95 each



### POWER SUPPLY: 5V/12A, 16V/3A, -5V/0.8A, -15V/0.8A

EOS # VLT100-4002

Input: 100 - 240 VAC

Outputs: 5VDC @ 12A,  
16VDC @ 3A, -5VDC @  
0.8A, -15VDC @ 0.8A

\* 100W convection cooled rating

\* 3x5x1 inch package

\* UL, DVE, CE

\* Power good and power fail signal

**CAT# PS-4002** \$14.75 each



## SINGLE OUTPUT SWITCHING POWER SUPPLIES

Ideal for scanners, cameras and sensitive equipment requiring a constant, regulated output. All of the following power supplies operate on 120-240 Vac. UL, CSA.

### 5.1 VDC 1.1 AMP

Panasonic# DMW-AC5PP

New power supply.

3' cord with no plug. Requires non-polarized power cord (CAT# LCAC-390). UL, CSA.

**CAT# PS-5111** \$3.50 each



### 5 VDC 1 AMP

Ericsson # BMLU101001-4. 6 foot cord

terminated with 8-pin modular phone plug. Four color coded 22 gauge stranded conductors. Red and black leads are +5 Vdc; the yellow and white are ground. **CAT# PS-513** \$4.50 each  
10 for \$ 4.00 each • 100 for \$ 3.00 each



### 5 VDC 2 AMP

Input: 100-240Vac, 0.3A.

Output: 5Vdc, 2A.

5' cord with coax power plug, 2.1mm id, center positive. Small, lightweight package, 2.22" x 1.61" x 1.20" (excluding plug). RoHS. cULus.

**CAT# PS-529** \$6.85 each



### 5 VDC 4A

OpenPeak(R) # OP-20004.

5Vdc, 6' cord with 2.1mm i.d.

coax power plug, center positive. cULus. RoHS.

**CAT# PS-541**

\$9.50 each



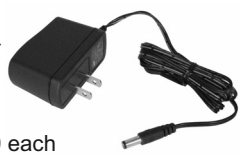
### 6VDC 500MA

2.1mm coax plug, center positive. 100-240Vac

input. Light-weight.

Fully-regulated. cULus.

**CAT# PS-605** \$6.50 each



### 6 VDC 1.6A

SEZMI #KSAC0600160W1US

Input: 100-240 VAC 50/60Hz 0.4 A.

Output: 6 Vdc @ 1.6 A.

5' cord with in-line ferrite bead noise suppressor and 2.5 mm coax power plug, center positive. cULus

**CAT# PS-616**

\$9.50 each



### 8.4 VDC 0.6A

Canon CA-590.

5' cord. Plug cut off.

**CAT# PS-846**

\$4.00 each



### 9 VDC 600MA

PHC # SW-9600

2.1mm x 5.5mm coax power plug.

Center positive. UL.

**CAT# PS-961** \$9.75 each



### 9 VDC 1A

APS #HK-C109-A09.  
 Input: 100-240 Vac,  
 50/60 Hz, 0.35A.  
 Output: 9Vdc @ 0-1.2A (set at  
 1.0A). 4' output cord with 1.3mm  
 coax power plug. Tip positive.  
 cULus, FCC.

**CAT# PS-912** \$10.50 each



### 9VDC 7.2A OPEN-FRAME POWER SUPPLY

Elpac# MS6509F.  
 Input: 100-240 Vac  
 50/60Hz, 1.75A.  
 Output: 9 Vdc 7.2A.  
 Open-frame switching supply.  
 126 x 76 x 29mm. UL, RoHS.

**CAT# PS-972** \$12.00 each



### 12 VDC 700 MA

ITE #26092.  
 2.1mm coax power plug,  
 center positive. UL listed  
**CAT# PS-1270** \$8.50 each  
 10 for \$ 8.00 each



### 12VDC 750MA POWER SUPPLY

LiteOn #PA-1090-1.  
 2.5mm coax power  
 plug, center  
 positive. Detach-  
 able, 2-conductor  
 power cord. cULus, CE.  
**CAT# PS-12751** \$8.50 each  
 40 for \$7.75 each



### 12VDC 1A POWER SUPPLY

Switching power supply.  
 Input: 100-240V, 50-60Hz, 0.3A.  
 Output: 12Vdc, 1Amp.  
 Right-angle coax power plug.  
 5.5mm od, 2.1mm id,  
 center positive. cULus, CE.  
**CAT# PS-1219** \$8.95 each



### 12 VDC 1A

Input: 100-240V  
 50/60Hz 0.35A.  
 Table-top type power  
 supply. 6' SPT-1 zipcord  
 output cord. Standard detachable  
 IEC input cord included. cULus. CE.  
**CAT# PS-1239** \$7.95 each



### 12 VDC 1.25A

CUI STACK# DSA-0151A-12.  
 Input: 100 - 120 Vac, 50/60 Hz, 0.4 A.  
 Output: 12 Vdc 1.25 A.  
 6' output cord with 2.1mm coax power  
 plug. Tip positive. FCC cULus.  
**CAT# PS-12125** \$9.95 each



### 12 VDC 1.5 AMP

Regulated 12Vdc 1.5A power  
 supply. Input: 100-240Vac.  
 4' cord with 2.1mm coax  
 power plug. Tip positive.  
**CAT# PS-1228** \$10.50 each



### 12 VDC 2 AMP

Regulated 12Vdc 2A  
 power supply.  
 Input: 100-240Vac.  
 4' cord with 2.1mm coax power  
 plug. Tip positive.  
**CAT# PS-1227** \$13.75 each



### 12 VDC 5.83 AMP

Phihong Model PSA80U-120.  
 Input: 100-240V 50-60Hz 2.0A.  
 Output: 12.1V 5.83A. Table-top  
 model, 5.93" x 2.78" x 1.54".  
 46" output cord two ferrite  
 bead EMI suppressors.  
 4-pin mini-DIN connector.  
 Detachable grounded IEC power cord.  
 cULus, CE, TUV. **CAT# PS-12583**  
 \$18.50 each • 10 for \$17.00 each



### 12V 12A FAN-COOLED POWER SUPPLY

Fan-cooled, Micro  
 ATX power supply,  
 modified to provide one  
 12V, 12A output. Vented  
 metal case, 4.95" x  
 4.0" x 2.92." Switch-  
 able, 110/220 Vac  
 input. Detachable power cord.  
**CAT# PS-1512** \$25.00 each



### 13VDC 1 AMP

Qualcomm # TXACA036  
 Input: 100-240V 50/60Hz 0.5A  
 6' cord, coax power  
 plug - 2.5mm id,  
 5.5 od, center  
 positive. cULus, CE.  
**CAT# PS-131** \$7.25 each



### 13.5VDC 500MA

Input: 100-240Vac  
 50/60Hz 0.3A  
 6' cord w/ 2.1mm coax power  
 plug, Center positive. CE  
**CAT# PS-1355**  
 \$6.75 each



### 15 VDC 4A

Model # SPU-45. Input: 100-240V  
 50/60Hz, 1.2A Max.  
 6' cord with right-angle  
 2.1mm coax power plug,  
 center+. 123 x 61 x 38mm.  
 Detachable IEC power input  
 cord. cULus, ATE, CE.  
**CAT# PS-154** \$16.00 each



### 18 VDC 5.6 AMP

Elpac# MWB100018A.  
 Input: 100-240V 50/60Hz,  
 2.3A. Enclosed table-top  
 switching supply, 127 x 77 x  
 35mm. 6' output cord with  
 8-pin male DIN plug. Includes  
 detachable IEC power cord.  
 CE, RoHS.  
**CAT# PS-1856** \$19.00 each



### 24VDC 1.3A

Tiger Power #ADP-7202-24V  
Input: 100-240VAC,  
50-60Hz, 1.5A(max)  
Output: 24V, 1.3A

Enclosed, table-top supply with rubber feet. 4.78" x 2.86" x 1.70" high. IEC female AC input fits standard detachable 3-prong power cord like our CAT# LCAC-60 (not included).

Output is custom 6-pin connector (see diagram). Power on pins 1,2 and 6. May require some soldering or modification for use. cULus, CE

**CAT# PS-2413** \$6.00 each



PIN1,2 : + 24V --- 1.3A  
PIN3,4 : N.C. PIN5,6 : RETURN

### 24 VDC 1.67 AMP

Elpac #MTA040024A  
Input: 100-240Vac  
102 x 51 x 26.5mm

(4"x 2" x 1") open frame switching supply. CE, RoHS

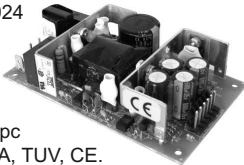
**CAT# PS-2467** \$11.50 each



### 24 VDC 1.7 AMP POWER SUPPLY

Power-One# MAP42-1024  
40 Watt, convection cooled single output switching power supply in a 3.0" x 5.0" x 1.25" industry standard pc board package. UL, CSA, TUV, CE.

**CAT# PS-2417** \$11.00 each



### 24 VDC 2.71 AMP

Elpac# MW6524F.  
Input: 100-240V 50/60Hz, 1.75A. Enclosed table-top switching supply, 130 x 77 x 34mm. Enclosure is white. 6' output cord with 5-pin male DIN plug.

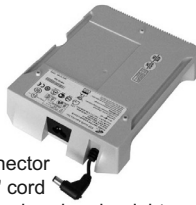
Includes detachable IEC power cord. CE, TUV, RoHS. **CAT# PS-2427** \$14.75 each



### 24 VDC 2.5 AMP

FSP N.A., Inc. #FSP60-11  
7.50"x 5.75" x 1.48" high plastic enclosure. Input requires a power cord (CAT# LCAC-187 or similar) with three-prong (mouse-ear) connector (not included). Output is a 11" cord with a ferrite noise-suppression bead and a right-angle coax power plug, 6.5mm od x 3.5mm id. Center positive. Inside the plastic enclosure is a fairly standard switching power supply. Overall dimensions of interior supply, 5.28" x 3.83" x 1.18".

**CAT# PS-2460** \$14.25 each



### 28VDC 2.9A /4.1A

Elpac # MSMP11528F.  
Input: 100-240V  
2.3A 50/60Hz.  
(unrestricted convection cooling)

/ 4.1A (with 150LFM forced-air cooling). Open-frame switching supply. 134 x 84 x 38mm aluminum U-frame. cULus, RoHS.

**CAT# PS-2829** \$14.00 each



## HEAT SINKS

### 31 X 16 X 11MM HEATSINK

Black anodized aluminum heatsink, 31 x 16 x 11mm high. The middle 16 x 16mm underside surface is prepped with thermal compound. Designed for a device, 16mm wide.

**CAT# HS-154** 45¢ each



### DIP HEATSINK

Thermalloy THM 6010. 0.75" x 0.6" aluminum heatsink to dissipate heat from DIP parts. 0.2" wide center strip.

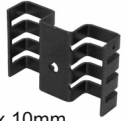
**CAT# HS-132** 5 for \$1.00 • 100 for \$15.00



### HEATSINK FOR TO-220/ TO-202 DEVICES

THM 7019, black anodized aluminum heatsink for TO-220, TO-202 semiconductors. 39.5 x 25.5 x 10mm.

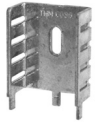
**CAT# HS-7019** 50¢ each



### COPPER HEATSINK FOR TO-220

THM 6030. Vertical mount, tin coated copper heatsink for TO-220 device. 30 x 25.5 x 12mm.

**CAT# HS-6030** \$1.50 ea. • 10 for \$1.30 ea.



### TO-220 HEATSINK

Thermalloy # THM6079. Black anodized heatsink. 0.75" x 0.52" 0.5" h. With PC pin.

**CAT# HS-325**  
25¢ each • 100 for \$20.00



### TO-220 HEATSINK

Wakefield 667-10  
ABSP / ACS GV-4  
Heavy-duty, black anodized aluminum heatsink for TO-220 device. 1.37" x 0.5" x 1.0" high. Two support pins on 1" centers.

**CAT# HS-167** \$1.00 each



### HEATSINK FOR TO-220/TO-202

Thermalloy# THM 6047.  
Clip-on black anodized aluminum heatsink for TO-220/ TO-202, tab-type semiconductors. 20.5 x 21.5 x 8.0mm.

**CAT# HS-6047** 4 for \$1.00  
100 for 20¢ each



### HEATSINK FOR TO-220 / TO-202

Thermalloy# THM 6038. Black anodized aluminum heatsink. Spring-clip holds TO-220/ TO-202, tab-type semiconductor in place. Three mounting legs. Overall dimensions, 1.2" x 1.0" x 0.5" (31 x 26 x 13mm).

**CAT# HS-6038** 3 for \$1.00



### 28 X 28 X 15MM HEATSINK

Black anodized heatsink, 28 x 28 x 15mm (1.10" x 1.10" x 0.60").

**CAT# HS-27** 45¢ each

