

T-1 (3MM) w/ INSULATED WIRE LEADS

1.5v @ 40 ma. 10" leads.

CAT# LP-3 95¢ each • 100 for 65¢ each

3v @ 55 ma. 10" leads.

CAT# LP-4 95¢ each • 100 for 65¢ each

14v @ 45 ma. 10" leads.

CAT# LP-6 95¢ each • 100 for 65¢ each

T-1 (3MM) w/ BARE WIRE LEADS

5 Volt 115 ma **CAT# LP-715** 2/\$1.00 ¹⁰⁰⁺\$40.00

SPECIAL!

14 Volt 40 ma **LP-23** 3/\$1.00 100/\$20.00
500 for 18¢ each • 1000 for 14¢ each

T-1 3/4 (5MM) w/ BARE WIRE LEADS

28 V 60 ma **CAT# LP-28** 4/\$1.00 \$17.00

28 Volt 65 ma **LP-286** 4/\$1.00 \$17.00

GLASS WEDGE BASE LAMPS

T3-1/4 size. 0.40" diameter x 0.98" long.
10 pc minimum of one type (no mixing)

	CAT#	10	100
6.3V, 0.25A	LP-259	\$3.50	\$25.00
14V, 0.19A	LP-161	\$3.50	\$25.00
14V, 0.27A	LP-194	\$3.50	\$25.00
28V, 0.08A	LP-657	\$3.50	\$25.00

14V MINI BAYONET BASE LAMP

#1815 lamp. 14.0 volts, 0.200 amps.

CAT# LP-1815 2 for \$1.00

100 for 45¢ each

SOCKET FOR T 1 1/2 WEDGE-BASE

#2967 socket with 4.5" wire leads.

For T1-1/2 mini wedge-base lamps.

CAT# LPS-2967 50¢ each

10 for 45¢ each • 100 for 35¢ each

12-14V NEO-WEDGE BASE LAMP

JKL # DNW1-DW12/GRA/39-04S-4B.

4mm dia. incandescent lamp on a gray plastic mounting platform designed to twist-lock onto a pc board. Wire leads run across top and bottom of base and are accessible for direct connection. Lamp is provided with a removable green silicon rubber filter. Overall height is 12mm. Base dia. is 10mm.

CAT# LP-70 5 for \$1.00 • 100 for 15¢ each

500 for 13¢ each • 1000 for 10¢ each

T-1 3/4 5MM DIAMETER LAMPS

T - 1 3/4 BI-PIN LAMP

VOLTS	AMPS	CAT#		
14	.080	LP-7382	2 for \$1.00	100 for \$45.00
18	.040	LP-7370	2 for \$1.00	100 for \$45.00
28	.040	LP-7387	2 for \$1.00	100 for \$45.00

T-1 3/4 MIDGET FLANGE LAMP

VOLTS	AMPS	CAT#		
14	.08	LP-382	2 for \$1.00	100 for \$45.00
28	.040	LP-327	2 for \$1.00	100 for \$45.00

NEON LAMPS

NE-2E / A9A NEON LAMP

Eiko® A9A. NE-2E. 0.7mA, 105-125V miniature neon lamp. 6mm dia. x 18mm long.

Wire terminals. **CAT# NE-2E**

10 for \$2.75 • 100 for \$22.00

NEON LAMP ASSEMBLY W/ RESISTOR

Prepped with resistor and

7" stripped and

tinned pigtail leads. Operates on 120 Vac.

Clear vinyl sleeve covers the top 2" of the leads.

CAT# NE-210 3 for \$1.00

50 for 27¢ each • 500 for 23¢ each

HALOGEN LAMPS

MR-16 BI-PIN

12 Volt. GU5.3, bi-pin base.

20W	12 Degree	ESX	CAT# HLP-20S
20W	36 Degree	BAB	CAT# HLP-20
35W	36 Degree	FMW	CAT# HLP-35
50W	36 Degree	EXN	CAT# HLP-50
75W	36 Degree	EYC	CAT# HLP-75

\$1.25 each • 10 for \$1.10 each • 100 for 95¢ each
no mixing

HALOGEN LAMP WITH SOCKET

71 Watt, 12 Volt MR-16, bi-pin halogen lamp and mounting frame with ceramic socket. Overall dimensions, 2.20" x 2.15" x 1.92" high. 6" leads with heat-resistant insulation.

CAT# HLP-710 \$4.75 each

SOCKETS FOR BI-PIN HALOGEN LAMPS

HALOGEN BI-PIN SOCKETS

For MR16, MR11, glass 2-pin halogen lamps. GX5.3, G-4 and GY6.35 base. 500 Watts. Silver contacts, spring tension socket. 6" leads. UL.

Round ceramic base, 0.67" dia. x 0.38".

CAT# HLS-3

\$3.50 each

SC-110-1 ceramic socket with mounting ears. 1.06" x 0.76" x 0.32" Recessed mounting holes on 0.9" centers. Rated 250V 100W. 12" Teflon insulated leads. UL. **CAT# HLS-5** \$3.75 each

3mm x 0.5mm pitch.

Threaded mounting holes

CAT# HLS-4

\$3.65 each

12V HALOGEN LAMP BALLASTS

Soft start transformer. Short-circuit and overload protection. Input: 120 Vac. Output: 12Vac. UL.

60W (20W min.)

2.61" x 1.51" x 0.85" 4" pigtail leads.

CAT# HTX-60 \$6.80 each

75W (20W min.)

2.61" x 1.51" x 0.85" 4" pigtail leads.

CAT# HTX-75 \$7.20 each

150W (30W min.)

3.62" x 1.98" x 1.10". 6" pigtail leads.

CAT# HTX-150 \$12.60 each

110/130V 500W HALOGEN LAMP

Flexotek #505

4.63" long x

0.39" diameter. 0.30" dia. ceramic ends.

Typically used in high-intensity work lights and other rectangular/square high-intensity fixtures.

CAT# HLP-500 \$1.50 ea. • 10 for \$1.25 ea.

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	ACTX-660	\$3.50	\$2.75
NEW	8 Vac	300 ma	Screw terminals	D	ACTX-831	\$4.95	\$4.35
	8 Vac	3 amp	pigtail leads	C	ACTX-83	\$7.00	\$6.00
	9 Vac	13.5VA	3.5mm phone plug	C	ACTX-915	\$5.95	\$5.25
NEW	9 Vac	700 ma	bare wires	C	ACTX-970	\$4.50	\$4.00
	16 Vac	20VA	Screw terminals	D	ACTX-1620	\$7.00	\$6.00
	16 Vac	40VA	Screw terminals	D	ACTX-1640	\$9.25	\$8.50
	24 Vac	12VA	2.1mm right-angle	C	ACTX-2412	\$6.00	\$5.00
	24 Vac	750 mA (18VA)	pigtail leads	C	ACTX-2418	\$6.50	\$5.50
	24 Vac	830 mA (20VA)	Screw terminals	D	ACTX-2420	\$8.95	\$7.70
	24 Vac	1.6 amp (40VA)	Screw terminals	D	ACTX-2440	\$9.50	\$8.75
	24 Vac	2000 mA	2.1mm co-ax	B	ACTX-2422	\$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	DCTX-31	\$1.35	\$1.00
	3 Vdc	300 ma	3.5mm phone plug	positive	C	DCTX-331	\$2.50	\$1.65
	* 5.5 Vdc	300 ma	bare wire		C	DCTX-532	\$3.50	\$2.50
	6 Vdc	200 ma	1.3mm co-ax	positive	C	DCTX-620	\$2.65	\$2.20
	6 Vdc	300 ma	1.3mm co-ax	positive	C	DCTX-634	\$3.00	\$2.50
	6 Vdc	800 ma	2.5 mm co-ax	positive	C	DCTX-681	\$3.50	\$2.25
	7.5 Vdc	500 ma	1.3mm co-ax	positive	C	DCTX-755	\$3.50	\$2.50
	9 Vdc	150 ma	1.7mm co-ax	positive	C	DCTX-9150	\$2.50	\$1.65
	9 Vdc	300 ma	1.3 mm co-ax	positive	C	DCTX-936	\$2.85	\$2.10
	9 Vdc	700 ma	1.5 mm co-ax	positive	C	DCTX-970	\$4.00	\$3.00
NEW	9 Vdc	1 amp	2.1 mm co-ax	positive	C	DCTX-910	\$5.00	\$4.25
	* 12 Vdc	500 ma	2.1 mm co-ax	positive	C	PS-1251	\$8.50	\$8.00
	16 Vdc	900 ma	2.5 mm co-ax	positive	C	DCTX-169	\$6.95	\$6.10
	24 Vdc	550 ma	2.1 mm co-ax	positive	C	DCTX-2451	\$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.



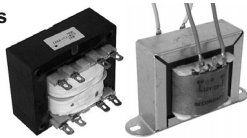
- 1 Amp Max. current **CAT # PS-10** \$13.95 each
- 2.2 Amp Max. current **CAT# PS-22** \$21.95 each

ORDER TOLL FREE 1-800-826-5432

TRANSFORMERS

POWER TRANSFORMERS

All power transformers have 115 vac 50/60 hz primaries unless otherwise noted.



12 V.C.T. @ 1 AMP 1.98" h. x 2.32" x 1.80".
Five 5" leads. **CAT# TX-121** \$10.00 each

12 V.C.T. @ 2 AMP
2.32" x 1.80" x 2" high. Wire leads.
CAT# TX-122 \$12.00 each

12 V.C.T. @ 3 AMP
2.7" x 2.3" x 2.3" high. Wire leads.
CAT# TX-123 \$18.00 each

12VCT 4A 2" high X 2 11/32" x 2".
115 vac 50/60 hz primaries.
CAT# TX-124 \$19.75 each



12 V.C.T. @ 5 AMP 3.03" x 2.70" x 2.53" h.
Five 5" leads. **CAT# TX-125** \$28.00 each

12V, 100VA, 8.3A 3.1" x 2.57" x 2.68" high.
Removed from new equipment in very good condition. 10" primary, 6" secondary leads prepped with spade lugs. **CAT# TX-12100** \$19.00 each

24 V.C.T. @ 2 AMP
2.72" x 2.53" x 2.27" h. Five 5" leads.
CAT# TX-242 \$18.00 each

24 V.C.T. @ 3 AMP
3.1" x 2.64" x 2.63" high. Solder lugs.
CAT# TX-243 \$26.00 each

24 V.C.T. @ 5 AMP
2.83" high x 3.43" x 3.23". 117 Vac 60 Hz (2-wires).
4" wire leads both input and output.
CAT# TX-245 \$40.00 each

36 V.C.T. 0.8 AMP
Shielded case. 2.5" x 2.37" x 2.13" high.
Mounting holes on 80mm centers. 8" leads.
CAT# TX-36 \$6.00 each

39.8V AND 22.5V @ 2.25A
Primary: 120V 60Hz. Secondary: 22.5VCT and 39.8VCT @ 2.25A (see diagram online) 88 x 91 x 77mm high. Shielded on four sides. Built-in thermal fuse. Mounting holes on 75 x 70mm centers. Primary leads 3.25". 6" leads on secondary. Removed from new equipment in good condition.
CAT# TX-398 \$20.00 each

24V 20A TRANSFORMER, 230 VAC 50 HZ PRIMARY

Lenco Electronics, Inc.
Primary: 230VRMS 50Hz.
Secondary: 24VRMS @ 500VA.
5.26" x 4.76" x 4.39" high.
Mounting holes on 4.38" x 3.38" centers. Threaded/solder-lug terminals. UL.
Weight, 15.20 lbs.
CAT# TX-24500 \$65.00 each



TOROIDAL TRANSFORMERS

12VCT 6A TOROIDAL TRANSFORMER

Primary 125V 60Hz.

Secondaries:

6.0 - 0 - 6.0 V @ 6A.

3.85" O.D. x 1.45" I.D. x 1.9".

Includes mounting hardware.

5" wire leads. 3.1 lbs.

These are removed from new equipment.

CAT# TTX-126 \$12.95 each



12 VCT 8A

Powertronix #AA-016609 rev.C.

Primaries: 2 x 117V 50/60Hz.

Secondaries: 6.6 - 0 - 6.6 V 8A.

3.57" dia. x 2" toroidal transformer.

Epoxy filled, with mounting hole in center. Lead length, 10". 3.26 lbs. UL, CE.

CAT# TTX-128 \$19.50 each



PC MOUNT TRANSFORMERS

6V/1A OR 12VCT/.5A

MCI # 4-01-4012.

Primary: 115V 50/60Hz.

Secondary: Series 12.6Vct @

0.5A / Parallel 6.3V @ 1A. 41.5 x 33.5 x

33.0mm high. PC pins. UL, CSA.

CAT# PCTX-612 \$5.35 ea. • 10 for \$4.85 ea.



16VCT @ 0.35A OR 8V @ 0.70A

MCI #4-05-2016

Primary: 115/ 230Vacs

Secondary: Series 16VCT @ 0.35A

Parallel 8V @ 0.70A

Low-profile pc mount transformer.

48 x 39 x 21mm high. PC pins. UL, CSA.

CAT# PCTX-816 \$6.90 each



COUPLING TRANSFORMER

CET Technology # CT-AXF5013

Designed to reflect 600 Ohms on

Primary with 365 Ohm load on

secondary. 30 x 20 x 14mm. Four pc

leads on 10 x 25mm centers.

CAT# TCTX-16 \$1.00 each



VARIACS

Input: 110 vac

Output: 0 - 130 vac

Fully enclosed variable

transformers in ventilated

steel cases with 6' power cord,

3 prong grounded receptacle,

output voltage meter, on/off

switch, fuse and power cord.

Portable or mountable.



3 AMP VARIABLE TRANSFORMER

5.35" X 4" X 5.5" high. Weight: 6.5 lbs.

CAT # SC-3M \$64.00 each

5 AMP VARIABLE TRANSFORMER

4.75" X 7" X 6" high. Weight: 8 lbs.

CAT # SC-5M \$120.00 each

10 AMP VARIABLE TRANSFORMER

6.5" x 9" x 6" high. Weight: 20 lbs.

CAT # SC-10M \$155.00 each

20 AMP VARIABLE TRANSFORMER

6.5" x 9" x 7.5" high. Weight: 22 lbs.

CAT # SC-20M \$198.00 each

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



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



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



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



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



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



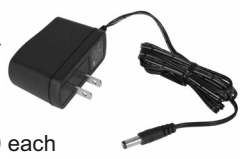
6VDC 500MA

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

input. Light-weight.

Fully-regulated. cULus.

CAT# PS-605 \$6.50 each



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



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

