

EXTERNAL SWITCHING POWER SUPPLIES

Universal Input Desk-Top 10 to 60 Watts, 90 to 264VAC, 47 to 63Hz.



10 Watts Output

Output Volts DC	Current	Part Number
5V	0-1.50A	SP1905
6V	0-1.50A	SP1906
7.5V	0-1.20A	SP1907
9V	0-1.00A	SP1909
12V	0-1.00A	SP1912
15V	0-0.80A	SP1915

Size: 74L x 49W x 41H

*SP19XX family has IEC 320-C14, 3 blade input . For 2 Pin IEC 320 input ,add suffix C8 to part number.

15 Watts Multiple Output

Output Volts DC	Current	Part Number
5V	0-1.00A	SP2970
+12V	0-0.25A	
-12V	0-0.25A	
5V	0-1.00A	SP2974
+15V	0-0.40A	
-15V	0-0.40A	

Size: 106L x 66W x 38H

40 Watts Output

Output Volts DC	Current	Part Number
5V	0-6.00A	SP7905
6V	0-5.50A	SP7906
7.5V	0-4.40A	SP7907
8V	0-4.12A	SP7908
9V	0-4.22A	SP7909
12V	0-3.33A	SP7912
13.5V	0-2.96A	SP7913
15V	0-2.67A	SP7915
18V	0-2.22A	SP7918
24V	0-1.67A	SP7924
30V	0-1.33A	SP7930
40V	0-1.00A	SP7940
5V	.3-3.50A	SP7905
12V	.1-2.00A	
15V	.1-1.80A	
5V	.3-3.50A	SP7954
24V	.1-1.00A	
5V	.3-3.50A	
+12V	.1-2.00A	SP7970
-12V	.1-0.80A	
-15V	.1-0.80A	
5V	.3-5.00A	SP7971
+12V	.1-1.00A	
-12V	.1-0.30A	
5V	.3-3.50A	SP7974
+15V	.1-1.50A	
-15V	.1-0.80A	
5V	.3-3.00A	SP7977
+12V	.1-1.80A	
-5V	.1-0.50A	
5V	.3-4.00A	SP7978
+15V	.1-1.00A	
-5V	.1-1.00A	

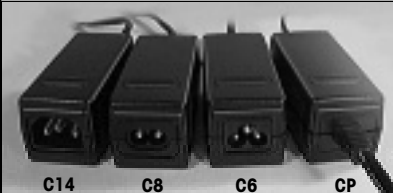
Size: 146L x 76W x 43.5H



15 Watts Flexport

Output Volts DC	Current	Part Number
3V	0-2.50A	SP2903
5V	0-2.00A	SP2905
6V	0-1.66A	SP2906
7.5V	0-1.33A	SP2907
8V	0-1.88A	SP2908
9V	0-1.67A	SP2909
12V	0-1.25A	SP2912
13.5V	0-1.11A	SP2913
15V	0-1.00A	SP2915
18V	0-0.83A	SP2918
24V	0-0.63A	SP2924
30V	0-0.50A	SP2930
40V	0-0.38A	SP2940

Size: 91L x 38W x 36H



C14 3 blade IEC 320-C14
C8 2 Pin IEC 320-C8
C6 3 Pin IEC 320-C6
CP Cord and Plug

To designate input style other than standard IEC 320-C14, add suffix to part number: C8 for 2 pin, C6 for 3 pin, CP for cord and plug together with country of usage plug style.
IE: 5VDC Flexport with IEC 320-C8 input-order as SP2905C8

24 Watts Output

Output Volts DC	Current	Part Number
5V	0-4.00A	SP4905
6V	0-3.33A	SP4906
7.5V	0-2.66A	SP4907
8V	0-2.50A	SP4908
9V	0-2.00A	SP4909
12V	0-1.66A	SP4912
13.5V	0-1.77A	SP4913
15V	0-1.60A	SP4915
18V	0-1.33A	SP4918
24V	0-1.00A	SP4924
30V	0-0.80A	SP4930
40V	0-0.60A	SP4940

Size: 91L x 38W x 36H



50 Watts Output

Output Volts DC	Current	Part Number
5V	0-8.00A	SP8905
6V	0-7.00A	SP8906
7.5V	0-6.00A	SP8907
8V	0-5.60A	SP8908
9V	0-5.00A	SP8909
12V	0-4.16A	SP8912
13.5V	0-3.70A	SP8913
15V	0-3.33A	SP8915
18V	0-2.77A	SP8918
24V	0-2.08A	SP8924
30V	0-1.66A	SP8930
40V	0-1.25A	SP8940
48V	0-1.04A	SP8948

Size: 146L x 76W x 43.5H

60 Watts Output

Output Volts DC	Current	Part Number
5V	0-10.00A	SP9905
6V	0-8.33A	SP9906
7.5V	0-7.33A	SP9907
9V	0-6.50A	SP9909
12V	0-5.00A	SP9912
13.5V	0-4.44A	SP9913
15V	0-4.00A	SP9915
18V	0-3.33A	SP9918
24V	0-2.50A	SP9924
30V	0-2.00A	SP9930
40V	0-1.50A	SP9940
48V	0-1.25A	SP9948

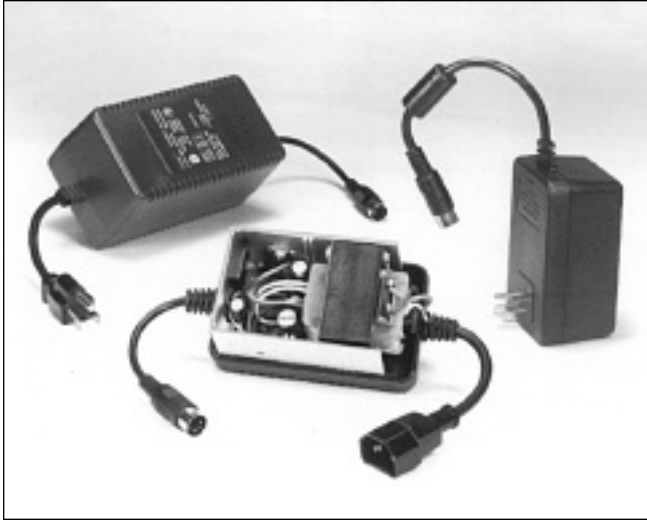
Size: 146L x 76W x 43.5H





REGULATED LINEAR EXTERNAL POWER SUPPLIES

APX Manufactures a comprehensive range of linear, regulated power supplies, and with the extensive options available we can optimize a design to your applications.



Benefits

- Regulation is external to your product. You reduce size, weight, heat and increase reliability.
- Removes line voltage from your product, simplifying safety issues.
- You can market your product worldwide without modification, and can update or redesign without safety agency issues. They are our responsibility.

Typical Features & Specifications

- Single or multiple outputs
- Typical North American input: 120VAC +/-10%,60Hz
- Typical line regulation: less than 1%
- Typical load regulation: less than 5%
- No minimum load requirement for regulation
- Very low noise, typically 10mV peak to peak
- Inherently low EMI, RFI
- Typical operating temperature: 0 to 40 degrees C
- One Year Warranty

A representative list is presented here of standard models, readily available from distribution.

NORTH AMERICAN APPLICATION 120VAC 60HZ INPUT

Consult your APX representative for international input voltage types and options.
Bold face listings are generally readily available from distribution.

Standard Single Output

Part Number	DC O/P 1	Case	Size	Agency*			
				UL	CSA	NRTL	C
AP2771W	+5V @ 300mA	WPI	41	X	X		
AP3291W	+5V @ 600mA	WPI	48	X	X		
AP3360W	+5V @ 1000mA	WPI,DT	48	X	X		
AP3370W	+5V @ 1500mA	WPI,DT	57	X	X		
AP3549	+5V @ 1750mA	DT	57	X	X		
AP2990	+8V @ 700mA	WPI	48			X	X
AP2107W	+9V @ 500mA	DT	48			X	X
AP3551	+9V @ 700mA	WPI	48			X	X
AP3390W	+9V @ 1000mA	WPI	57	P	P		
AP2164W	+12V @ 500mA	WPI,DT	48	X	X		
AP3550W	+12V @ 1000mA	WPI	57	X	P		
AP3720W	+12V @ 1200mA	DT	60	X	P		
AP3380	+15V @ 1000mA	DT	60	P	P		
AP1957W	+24V @ 250mA	DT	48	X	P		

Standard Dual Output

Part No.	DC O/P 1	DC O/P 2	Case	Size	Agency*	
					UL	CSA
AP3552	5V @ 400mA	+12V @ 800mA	DT	57	X	X
AP3810	+5V @ 500mA	+10V @ 100mA	WPI	48	X	X
AP3236	+5V @ 600mA	+12V @ 1000mA	DT	60	X	X
AP3555W	+5V @ 1000mA	+12V @ 400mA	DT	57	X	X
AP3553	+5V @ 1500mA	+12V @ 200mA	DT	57	X	X
AP3606W	+5.1V @ 750mA	+12V @ 700mA	DT	60	X	X
AP3554	+6.25V @ 500mA	+12V @ 700mA	DT	57	X	X
AP1914W	+6.25V @ 1000mA	+12V @ 500mA	DT	57	X	X
AP3556	+6.25V @ 1750mA	+12V @ 100mA	DT	57	X	X
AP3166	+15V @ 600mA	-15V @ 600mA	DT	66	P	P

Standard Triple Output

Part No.	DC O/P 1	DC O/P 2	DC O/P 3	Case	Size	Agency*	
						UL	CSA
AP3718W	+5V @ 450mA	+12V @ 100mA	-12V @ 100mA	WPI	48	X	X
AP3263W	+5V @ 700mA	+12V @ 400mA	-12V @ 100mA	DT	60	X	P
AP2808W	+5V @ 800mA	+12V @ 300mA	-12V @ 300mA	WPI	57	X	X
AP3271W	+5V @ 1100mA	+12V @ 900mA	-12V @ 100mA	DT	66	X	X
AP3363W	+5V @ 1000mA	+12V @ 500mA	-12V @ 500mA	DT	66	X	X
AP3665	+5V @ 1500mA	+12V @ 1100mA	-12V @ 100mA	DT	66	X	X
AP2700W	+5V @ 500mA	+15V @ 200mA	-15V @ 200mA	WPI	57	P	P
AP2844	+5V @ 1000mA	+15V @ 120mA	-15V @ 120mA	WPI	57	P	P
AP2759	+5V @ 1000mA	+15V @ 400mA	-15V @ 400mA	DT	66	P	P
AP3039	+5V @ 1500mA	+15V @ 500mA	-15V @ 200mA	DT	66	P	P
AP3297	+8V @ 850mA	+12V @ 150mA	-12V @ 150mA	DT	48	X	X

Higher current output available as regulated switchmode supply — consult sales.

*P = Pending



REGULATED LINEAR EXTERNAL POWER SUPPLIES

International Application 230VAC, 50Hz Input

All European and Pacific Rim input voltages and plugs available.
Consult your APX representative for availability of international input unregulated adapters.

Bold face listings are generally readily available from distribution.

Standard Single Output

Part Number	Output	Case	Size	Agency*
AP2771EW	5V @ 300mA	DT	48	TUV
AP2703EW	5V @ 750mA	DT	48	TUV
AP2865EW	12V @ 300mA	WPI	48	TUV
AP3820EW	12V @ 1200mA	DT	60	TUV

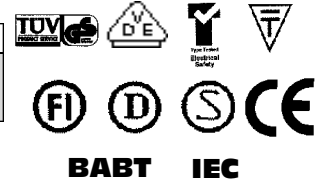
Standard Dual Output

Part No.	Output 1	Output 2	Case	Size	Agency*
AP3237E	+5V @ 500mA	+12V @ 100mA	DT	48	P
AP3548E	+5V @ 600mA	+12V @ 1000mA	DT	60	TUV
AP3606E	+5V @ 750mA	+12V @ 700mA	DT	60	TUV
AP3166E	+15V @ 600mA	-15V @ 600mA	DT	66	TUV

Standard Triple Output

Part Number	Output 1	Output 2	Output 3	Case	Size	Agency*
AP2583EW	+5V @ 450mA	+12V @ 100mA	-12V @ 100mA	DT	EI48	TUV
AP3264EW	+5V @ 700mA	+12V @ 400mA	-12V @ 100mA	DT	EI60	TUV
AP3272EW	+5V @ 1100mA	+12V @ 900mA	-12V @ 100mA	DT	EI66	TUV

Higher current available as regulated switchmode supply — consult sales. *P = Pending



CUSTOM DESIGN

We are external power supply specialists and provide product development and excellence, to uniquely optimize to your needs, and at a very effective cost.



CUSTOM OPTIONS INCLUDE:

- Single or multiple outputs
- All European and Pacific Rim input voltages and plugs available
- IEC-320 input
- International plug styles
 - Molded in base of wall plug-in or
 - Cord-set input on desk top units
 - Available for all countries
- Switchable input
- Ground to core and/or output
- Power-on switch
- Power-on LED
- Screw-down mounting tabs on desk top case
- Center tap designs available on AC output models
- RF/EMI and transient protection
- Custom tooling and molding available for cases, as well as output connectors for your product interface
- Custom colors for cases and cables
- Custom labels with your artwork
- Externally resettable circuit breaker
- Output connector filtering for EMI containment
- Huge variety of input and output voltage combinations
- Huge variety of output connectors
- Special designs to medical/dental UL544 standards

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POWER

SUPPLIES & CONDITIONERS