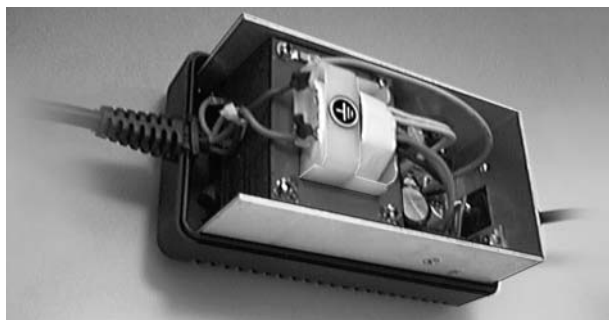


Linear Regulated External Power Supplies

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



North American Application 120VAC 60Hz Input

A representative list is presented here of standard models.

Bold face listed models are generally available from distribution.

Single Output

Selected Models

Part No.	DC O/P 1	Case	Size	Agency	
				UL	CSA
AP2771W	+5V @ 300mA	WPI	41	◆	◆
AP3291W	+5V @ 600mA	WPI	48	◆	◆
AP3360W	+5V @ 1000mA	WPI, DT	48	◆	◆
AP3370W	+5V @ 1200mA	WPI, DT	57	◆	◆
AP3549	+5V @ 1750mA	DT	57	◆	◆
AP6801	+6V @ 300mA	WPI	41	◆	◆
AP6802	+6V @ 600mA	WPI, DT	48	◆	◆
AP6803	+6V @ 1400mA	WPI, DT	57	◆	◆
AP6804	+9V @ 300mA	WPI	41	◆	◆
AP2107W	+9V @ 500mA	WPI	48	◆	◆
AP3551	+9V @ 700mA	WPI	48	◆	◆
AP3390W	+9V @ 1000mA	WPI	48	◆	◆
AP6805	+12V @ 125mA	WPI	35	◆	◆
AP6806	+12V @ 250mA	WPI	41	◆	◆
AP2164W	+12V @ 500mA	WPI, DT	48	◆	◆
AP3550W	+12V @ 1000mA	WPI	57	◆	◆
AP3720W	+12V @ 1200mA	DT	60	◆	◆
AP6807	+15V @ 200mA	WPI	41	◆	◆
AP6808	+15V @ 400mA	WPI, DT	48	◆	◆
AP6809	+15V @ 550mA	WPI, DT	57	◆	◆
AP3380	+15V @ 1000mA	DT	60	◆	◆
AP6811	+18V @ 450mA	WPI, DT	57	◆	◆
AP6812	+24V @ 50mA	WPI	35	◆	◆
AP6813	+24V @ 125mA	WPI	41	◆	◆
AP6814	+24V @ 350mA	WPI, DT	57	◆	◆
AP1957W	+24V @ 250mA	DT	48	◆	◆

Typical Features

- ◆ 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 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

Dual Outputs

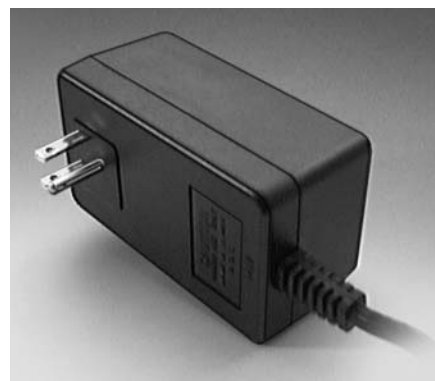
Selected Models

Part No.	DC O/P 1	DC O/P 2	Case	Size	Agency	
					UL	CSA
AP3552	5V @ 400mA	+12V @ 800mA	DT	57	◆	◆
AP3810W	+5V @ 500mA	+10V @ 100mA	WPI	48	◆	◆
AP3730	+5V @ 600mA	+12V @ 1000mA	DT	60	◆	◆
AP3553	+5V @ 1500mA	+12V @ 200mA	DT	57	◆	◆
AP3606W	+5.1V @ 750mA	+12V @ 700mA	DT	60	◆	◆
AP3554	+6.25V @ 500mA	+12V @ 700mA	DT	57	◆	◆
AP1914W	+6.25V @ 1000mA	+12V @ 500mA	DT	57	◆	◆
AP3556	+6.25V @ 1750mA	+12V @ 100mA	DT	57	◆	◆
AP3166	+15V @ 600mA	-15V @ 600mA	DT	66	◆	◆

Triple Outputs

Selected Models

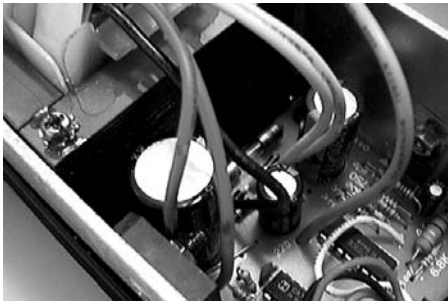
Part No.	DC O/P 1	DC O/P 2	DC O/P3	Case	Size	Agency	
						UL	CSA
AP3718W	+5V @ 450mA	+12V @ 100mA	-12V @ 100mA	WPI	48	◆	◆
AP6815	+5V @ 500mA	+12V @ 100mA	-12V @ 100mA	WPI	48	◆	◆
AP3263W	+5V @ 700mA	+12V @ 400mA	-12V @ 100mA	DT	60	◆	◆
AP2808W	+5V @ 800mA	+12V @ 300mA	-12V @ 300mA	WPI	57	◆	◆
AP3271W	+5V @ 1100mA	+12V @ 900mA	-12V @ 100mA	DT	66	◆	◆
AP3363W	+5V @ 1000mA	+12V @ 500mA	-12V @ 500mA	DT	66	◆	◆
AP3710	+5V @ 1500mA	+12V @ 1100mA	-12V @ 100mA	DT	66	◆	◆
AP2700W	+5V @ 500mA	+15V @ 200mA	-15V @ 200mA	WPI	57	◆	◆
AP4469	+5V @ 500mA	+15V @ 500mA	-15V @ 500mA	DT	66	◆	◆
AP2844	+5V @ 1000mA	+15V @ 120mA	-15V @ 120mA	WPI	57	◆	◆
AP2759	+5V @ 1000mA	+15V @ 400mA	-15V @ 400mA	DT	66	◆	◆
AP3039	+5V @ 1500mA	+15V @ 500mA	-15V @ 200mA	DT	66	◆	◆
AP3297	+8V @ 850mA	+12V @ 150mA	-12V @ 150mA	DT	48	◆	◆



Note: All dimensions in millimeters. Specifications subject to change.

Regulated Linear External Power Supplies

IEC 601-1 and UL 2601 medical designs and approvals available for North American and International applications



INTERNATIONAL APPLICATIONS 230VAC, 50HZ INPUT

All European and Pacific Rim input voltages and plugs available. Bold face listings are generally available from distribution.

Selected Models

Part No.	Output 1	Output 2	Output 3	Case	Size	TUV
SINGLE OUTPUT						
AP2771EW	5V @ 300mA			DT	48	◆
AP2703EW	5V @ 750mA			DT	48	◆
AP2865EW	12V @ 300mA			DT	48	◆
AP3820EW	12V @ 1200mA			DT	60	◆
DOUBLE OUTPUT						
AP3237E	+5V @ 500mA	+12V @ 100mA		DT	48	◆
AP3548E	+5V @ 600mA	+12V @ 1000mA		DT	60	◆
AP3606E	+5V @ 750mA	+12V @ 700mA		DT	60	◆
AP3166E	+15V @ 600mA	-15V @ 600mA		DT	66	◆
TRIPLE OUTPUT						
AP2583EW	+5V @ 450mA	+12V @ 100mA	-12V @ 100mA	DT	EI48	◆
AP3264EW	+5V @ 700mA	+12V @ 400mA	-12V @ 100mA	DT	EI60	◆
AP3272EW	+5V @ 1100mA	+12V @ 900mA	-12V @ 100mA	DT	EI66	◆

"W" model output connectors:
Single output - 2.5 x 5.5 x 11mm female barrel, center positive.

Dual and triple output - 5 pin DIN or virtually any other connector, see page 9

Call for pinout details and data sheets

Non standard pinning or virtually any other connector is available.

See page 8 and 9.

Higher current output available as regulated switch mode supply — consult sales.

Typical case sizes (L x W x H)

EI size	Wall plug in (WPI)	Desk Top (DT)
41	66 x 49 x 42	
48	82 x 56 x 46*	110 x 78 x 58
57	88 x 68 x 56	120 x 78 x 58
60		130 x 79 x 68
66		150 x 80 x 72

*Alternate EI48 double, 110 x 62 x 55

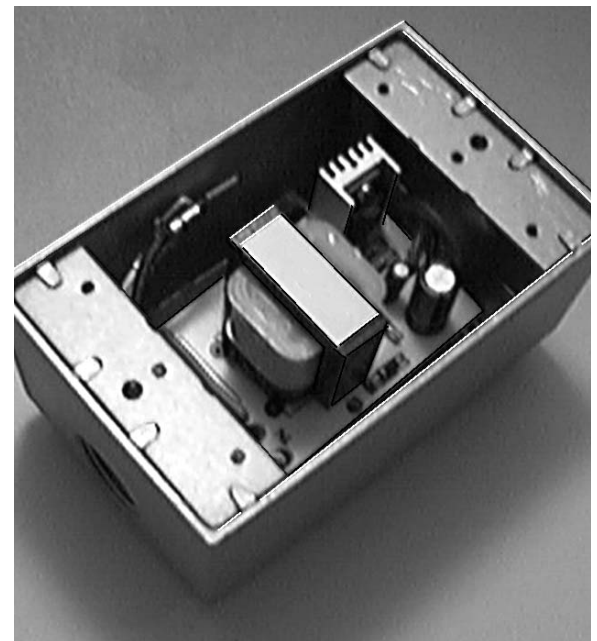
Open Frame Custom Designs

Linear regulated power supplies can be designed for internal use, single or multiple outputs, and with inputs for North American or international applications.

Designs can be based on listed outputs shown or similar output ratings.

Style can be stand-off mounted PC board or configured to fit a specific space and shape.

Custom sheet metal can be incorporated to provide mounting, other input components used, or anything else to make your assembly as efficient as possible.



Note: All dimensions in millimeters. Specifications subject to change.



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