

## APS Power Supply Specifications: 2006

APS Series Models	APS-15	APS-30	APS-45	APS-55	APS-75	APS-90	APS-100
U.L. Listed	Yes	Yes	Yes	Yes	Yes	No	No
DC Output Voltage (No Load) approx.	13.6 V (DC)	13.6 V (DC)	13.6 V (DC)	13.6 V (DC)	13.6 V (DC)	13.6 V (DC)	13.6 V (DC)
Output Voltage Tolerance (No Load)	+/- 0.7%	+/- 0.7%	+/- 0.7%	+/- 0.7%	+/- 0.7%	+/- 0.7%	+/- 0.7%
Output Amperage, Max Continuous	15 Amps	30 Amps	45 Amps	55 Amps	75 Amps	90 Amps	100 Amps
Output Voltage (Full Load) approx	>13.4 V (DC)	>13.4 V (DC)	>13.4 V (DC)	>13.4 V (DC)	>13.4 V (DC)	>13.4 V (DC)	>13.4 V (DC)
Maximum Output Amps, Single Surge	15 Amps	30 Amps	45 Amps	55 Amps	75 Amps	90 Amps	100 Amps
Maximum Power Output, Continuous	200 Watts	400 Watts	600 Watts	740 Watts	1000 Watts	1200 Watts	1340 Watts
Maximum Ripple and Noise	100 mV rms	100 mV rms	100 mV rms	100 mV rms	100 mV rms	100 mV rms	100 mV rms
Input Voltage Range	96-140 A.C.	96-140 A.C.	96-140 A.C.	96-140 A.C.	96-140 A.C.	96-140 A.C.	96-140 A.C.
Input Voltage Frequency	47-63 Hz	47-63 Hz	47-63 Hz	47-63 Hz	47-63 Hz	47-63 Hz	47-63 Hz
Maximum AC Current @ 96VAC	4 Amps	8 Amps	12 Amps	15 Amps	18 Amps	22 Amps	24 Amps
Typical Efficiency	>80%	>80%	>80%	>80%	>80%	>80%	>80%
Max Inrush Current, Single Cycle	10 Amps	16 Amps	20 Amps	20 Amps	22 Amps	24 Amps	24 Amps
Short Circuit Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overload Protection	>100%	>100%	>100%	>100%	>100%	>100%	>100%
Line Regulation	100 mV rms	100 mV rms	100 mV rms	100 mV rms	100 mV rms	100 mV rms	100 mV rms
Load Regulation	<1%	<1%	<1.5%	<1.5%	<1.5%	<1%	<1%
Fan Control *	PROPORTIONAL	PROPORTIONAL	PROPORTIONAL	PROPORTIONAL	PROPORTIONAL	PROPORTIONAL	PROPORTIONAL
Over Temperature	Off @ 80c	Off @ 80c	Off @ 80c	Off @ 80c	Off @ 80c	Off @ 80c	Off @ 80c
Working Temperature Range	0-40c	0-40c	0-40c	0-40c	0-40c	0-40c	0-40c
Storage Temperature	(-20 to 80c)	(-20 to 80c)	(-20 to 80c)	(-20 to 80c)	(-20 to 80c)	(-20 to 80c)	(-20 to 80c)
Dimensions	7"X 6.5"X 3.5"	7"X 6.5"X 3.5"	7"X 6.5"X 3.5"	7"X 6.5"X 3.5"	10"X 6.5"X 3.5"	10"X 6.5"X 3.5"	10"X 6.5"X 3.5"
Weight	6.2 lbs	6.88 lbs	6.92 lbs	6.92 lbs	7.8 lbs	7.8 lbs	7.8 lbs

All APS Power Supplies are "Dual Voltage" (13.4VDC / 14.4VDC) except for the APS-100 which is 13.4 VDC only

Installation Instructions Available at [www.cascadeaudio.com](http://www.cascadeaudio.com)

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