

## PA1120xxB SERIES:



### 120 Watts / Single Output

- 6.69 x 2.64 x 1.42" Desktop Power Supplies

### Features:

- Universal AC Input (90~264 VAC Input Range)
- Desktop Package with C8 / C6 / C14 Inlets
- Level VI Efficiency
- Class B Emissions
- International Safety Approvals (Class II)
- 2 Year Warranty

### INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	100A @ 230 VAC Cold Start
Input Current	2000mA maximum
Input Protection	Single Fuse
Hold-Up Time	10ms Minimum
Leakage Current	<700 $\mu$ A @ 240 VAC Maximum
Harmonics	EN61000-3-2 Class A Compliant
Green Power	Less than 0.300W No Load Input Power

### GENERAL:

Efficiency	87% minimum
Operating Temperature	0-40°C, derate linearly to 50% Load at 50°C
Storage Temperature	-20°C to +85°C
Cooling	Convection Cooled
Operating Humidity	5-95% RH, Non-Condensing
Vibration	5 ~ 50 Hz, acceleration 7.35 m/s*s on X,Y and Z Axis
MTBF	>50k Hrs (according to MIL-HBK-217F) at 25°C

### OUTPUT:

Minimum Load	n/a
Line Regulation	$\pm$ 1% max
Load Regulation	$\pm$ 5% max
Ripple & Noise	$\pm$ 1% typ. pk-pk @ 20MHz
Overload Protection	110-135% of max power (Foldback)
Over Voltage	Latching >130% of nominal
Short Circuit Protection	Continuous (auto-recovery)

### APPROVALS:

Emissions	VCCI / SMA / EN55022 Class B FCC ANSI C63.4 Class B
Safety Approvals	UL/cUL 60950-1 CB EN60950-1 TUV/GS EN60950-1 C-Tick AS3260(AS/NSZ60950) CEC Level IV CE Mark (LVD)



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### Output Specifications:

Model:	Vout	Max Output Current	Factory Set Point Range	Optional Dual USB Port Output	Max Power Watts
PA1120-120xxx100	12 VDC	10,000mA	10~14.9 VDC	5V 2000mA	120 Watts
PA1120-150xxx800	15 VDC	8,000mA	15~24 VDC	5V 2000mA	120 Watts
PA1120-180xxx666	18 VDC	6,666mA	15~24 VDC	5V 2000mA	120 Watts
PA1120-190xxx631	19 VDC	6,316mA	15~24 VDC	5V 2000mA	120 Watts
PA1120-240xxx500	24 VDC	5,000mA	15~24 VDC	5V 2000mA	120 Watts
PA1120-270xxx444	27 VDC	4,444mA	24.1~36 VDC	5V 2000mA	120 Watts
PA1120-300xxx400	30 VDC	4,000mA	24.1~36 VDC	5V 2000mA	120 Watts
PA1120-480xxx250	48VDC	2,500mA	36.1~48 VDC	5V 2000mA	120 Watts

- Designate Input / Output Configuration by replacing xxx with one of the Options Below:  
 T1A = IEC-320 C14 (3-prong) Inlet via 12" affixed cable      T2B = IEC-320 C8 (2-prong) Inlet and Single Output DC Cable  
 T3B = IEC-320 C6 (3-prong) Inlet and Single Output DC Cable
- Power Supply can be set to any voltage ranging between 5~48 VDC and maintain all safety approvals.
- Standard DC Output Cable Length is 6 feet.
- Additional suffix to designate output connector is required, see connector options at <http://www.advpower.com/dcconnector.pdf>

### OUTLINE DRAWING:

