

## PA1008D SERIES:



### 8 Watts / Single Output

- 2.28 x 1.30 x 1.06" External Desktop

### Features:

- Universal AC Input (90~264 VAC Input Range)
- IEC-320 / C8 Inlet
- Level V Efficiencies
- Class B Emissions
- International Safety Approvals
- 2 Year Warranty

### INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	40A @ 230 VAC Cold Start
Input Current	300mA maximum
Input Protection	Single Fuse
Hold-Up Time	10ms Minimum
Leakage Current	<750 $\mu$ A @ 240 VAC Maximum
Harmonics	EN61000-3-2 Class A Compliant
Green Power	Less than 0.300W No Load Input Power

### 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)

### GENERAL:

Efficiency	75% 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

### EMC:

Electrostatic Discharge	EN61000-4-2, $\pm$ 4KV Contact / $\pm$ 8KV Air Discharge
Radiated Susceptibility	EN61000-4-3, 26-1000MHz, 10V/M, 80% AM
EFT / Bursts	EN61000-4-4, $\pm$ 2KV
Surges	EN61000-4-5, $\pm$ 2KV Line-Earth, $\pm$ 1KV Line-Line
Conducted Immunity	EN61000-4-6, 0.15-800MHz, 10V, 80% AM
Voltage Dips	EN61000-4-10, 95% Dip & 10ms, 30% Dip & 500ms
Voltage Interruptions	EN61000-4-11, 95% reduction, 5s
Fluctuations & Flicker	EN61000-3-3

### APPROVALS:

Emissions EN55022 Class B  
FCC ANSI C63.4 Class B  
BSMI CNS13438

Safety Approvals UL/cUL 60950-1  
CB EN60950-1  
TUV/GS EN60950-1  
C-Tick AS3260(AS/NSZ60950)  
BSMI CNS14336  
CEC Level IV  
CE Mark (LVD)



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### Output Specifications:

Model:	Vout	Max Output Current
PA1008-033-D	3.3 VDC	1500mA
PA1008-050-D	5.0 VDC	1500mA
PA1008-075-D	7.0 VDC	1140mA
PA1008-090-D	9.0 VDC	890mA
PA1008-120-D	12 VDC	670mA
PA1008-150-D	15 VDC	530mA
PA1008-180-D	18 VDC	444mA
PA1008-190-D	19 VDC	420mA
PA1008-240-D	24 VDC	333mA
PA1008-270-D	27 VDC	296mA
PA1008-300-D	30 VDC	267mA

- Power Supply can be set to any voltage ranging between 3.0 ~ 30 VDC and maintain all safety approvals.
- Standard Cable Length is 6 feet.
- Additional suffix to designate output connector is required, see connector options at <http://advpower.com/dcconnector.pdf>

### OUTLINE DRAWING:

