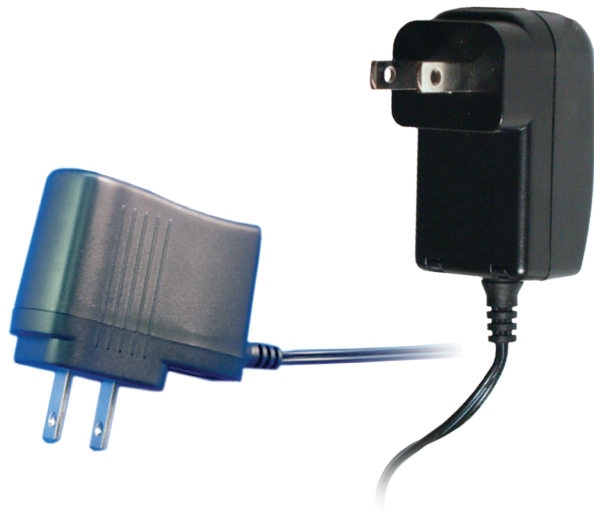


## PA1008x SERIES:



### 8 Watts / Single Output

- 2.28 x 1.26 x 1.14" Direct Wall Mount Package (D)
- 2.32 x 1.57 x 1.06" Horizontal Wall-Mount Package (H)

### Features:

- Universal AC Input (90~264 VAC Input Range)
- Less than 0.3W No-Load Input Power
- Greater than 75% Efficiency
- Level V Efficiency
- 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 0.3W No Load Input Power

### 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 <sup>2</sup> 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)

### 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

### EMISSIONS:

Emissions	CE	EN55022:1998+A1:2000+A2:2003 Class B
	FCC	ANSI C63.4(2003) Class B
	VCCI	CISPR 22:1997+A1:2000 Class B
	SMA	CISPR 22:1997+A1:2000 Class B
	BSMI	CNS13438

### APPROVALS:

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)

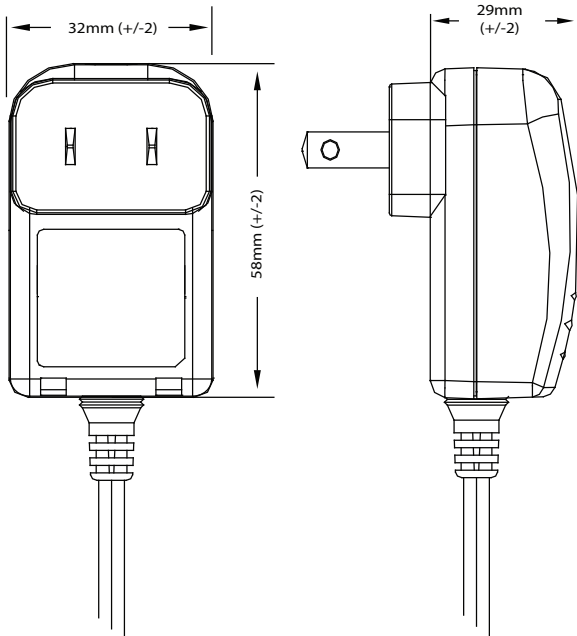
## PA1008x SERIES:

### Output Specifications:

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

- Replace "x" with D or H to designate package type
- 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>

### D Package:



### H Package:

