

PA1024HU SERIES:



24 Watts / Single Output

- 2.76 x 1.87 x 1.30 " UL94V-0 Plastic Case

Features:

- Universal AC Input (90~264 VAC Input Range)
- Horizontal Wallmount Package
- Level V Efficiencies
- EISA 2007 Compliant (Energy Independence & Security Act)
- Class B Emissions
- International Safety Approvals
- 2 Year Warranty

INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	60A @ 230 VAC Cold Start (max)
Input Current	600mA maximum
Input Protection	Single Fuse
Hold-Up Time	10ms Minimum
Leakage Current	<700 μ A @ 240 VAC Maximum
Harmonics	EN61000-3-2 Class A Compliant
Green Power	Less than 0.37W @ 132 VAC (No Load) Less than 0.50W @ 264 VAC (No Load)

GENERAL:

Efficiency	75% Minimum
Operating Temperature	0-40°C, derate linearly to 50% Load at 50°C
Storage Temperature	-20°C to +70°C
Cooling	Convection Cooled
Operating Humidity	5-95% RH, Non-Condensing
Vibration	5 ~ 50 Hz, acceleration 7.35 m/s ² on X,Y and Z Axis
MTBF	>40k 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	EN55022 "B", FCC Part 15 Subject J Class B
Safety Approvals	UL/cUL 60950-1 CB EN60950-1 CEC Level VI CE Mark (LVD)



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Output Specifications:			
Model:	Vout	Max Output Current	Factory VDC Setpoint Range
PA1024-033HU	3.3V	3.00A	3.0~4.5V
PA1024-050HU	5.0V	3.00A	4.9~7.0V
PA1024-075HU	7.5V	2.67A	7.1~10.5A
PA1024-090HU	9.0V	2.22A	7.1~10.5A
PA1024-120HU	12V	2.00A	10.6~15.0V
PA1024-135HU	13.5V	1.78A	10.6~15.0V
PA1024-150HU	15V	1.60A	10.6~15.0V
PA1024-180HU	18V	1.33A	15.1~21.0V
PA1024-200HU	20V	1.20A	15.1~21.0V
PA1024-240HU	24V	1.00A	21.1~30.0V
PA1024-360HU	36V	0.67A	30.1~40.0V
PA1024-480HU	48V	0.50A	40.1~50.0V

- Standard 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:

