



400W SFX single output ATX Power supply with Active PFC

Feature

- High power efficiency
- Low noise
- Meet safety standard & RoHS complaint

Input

- 100 ~ 240Vac full range

Efficiency

- Minimum 85% at typical load

Hold Up Time

- 24ms min. at typical load

Remote On/Off

- PS-ON compatible signal

Power Good

- TTL compatible signal

Output Protection

- Short circuit protection
- Over voltage protection
- Over current protection

Cooling

- 80x15mm ball-bearing DC fan

Environment

- Operating temperature: 10°C ~50°C
- Non-operating temp.: -20°C ~80°C
- Humidity: 5% ~ 95% RH, non-condensing

MTBF

- >100,000 hours at 25°C

EMI

- FCC Part 15, Subpart B, Class B
- EN55022: 2006+AI: 2007, Class B
- EN61000-3-2, EN61000-3-3
- CISPR 22: 2005+A1: 2005, Class B

Safety

- CB: IEC60950-1: 2005 (2nd Edition), and/or EN60950-1: 2006+A11:2009
- UL 60951-1, 2nd Edition, 2007-03-27
- TUV: EN60950-1: 2006+All

Net Weight

- 0.9kg / 1.98 lbs

Dimension (W x D x H)

- 125 x 63.5 x 100mm

Voltage	Output Voltage and Current					
	+5V	+12V1	+12V2	-12V	+3.3V	+5Vsb
Current (max)	22A	17A	16A	0.5A	21A	2.5A
Current (norm)	11A	9A	9A	0.25A	10.5V	1.25A
Current (min)	0.2A	0.1A	0.5A	0A	0.1A	0A
Ripple/Noise Max	70mV	140mV	140mV	140mV	70mV	70mV
Load Regulation	±5%	±5%	±5%	±10%	±5%	±5%
Line Regulation	±1%	±1%	±1%	±1%	±1%	±1%

1. +12V2 Peak current is 19A (less than 10msec).
2. 5Vsb Peak current is 3.5A (less than 500msec).
3. Use a 0.1uF ceramic and a 10uF electrolytic capacitors in parallel at output connector terminals for ripple and noise measurement.
4. The combined total power of 5V & 3.3V shall not exceed 120W.

Ordering Information

PFA-M400AXP 400W SFX ATX Single output Power supply