

96PS-A400WFX-2

400W Flex ATX Power Supply



Features

- High efficiency 80 Plus Gold level
- Enhanced components with Japanese capacitors
- Wide range working temperature, full load under 50°C
- Product certified by safeties and compatible tested with systems
- 100% Hi-pot test
- Line input fuse protection
- 2 years warranty

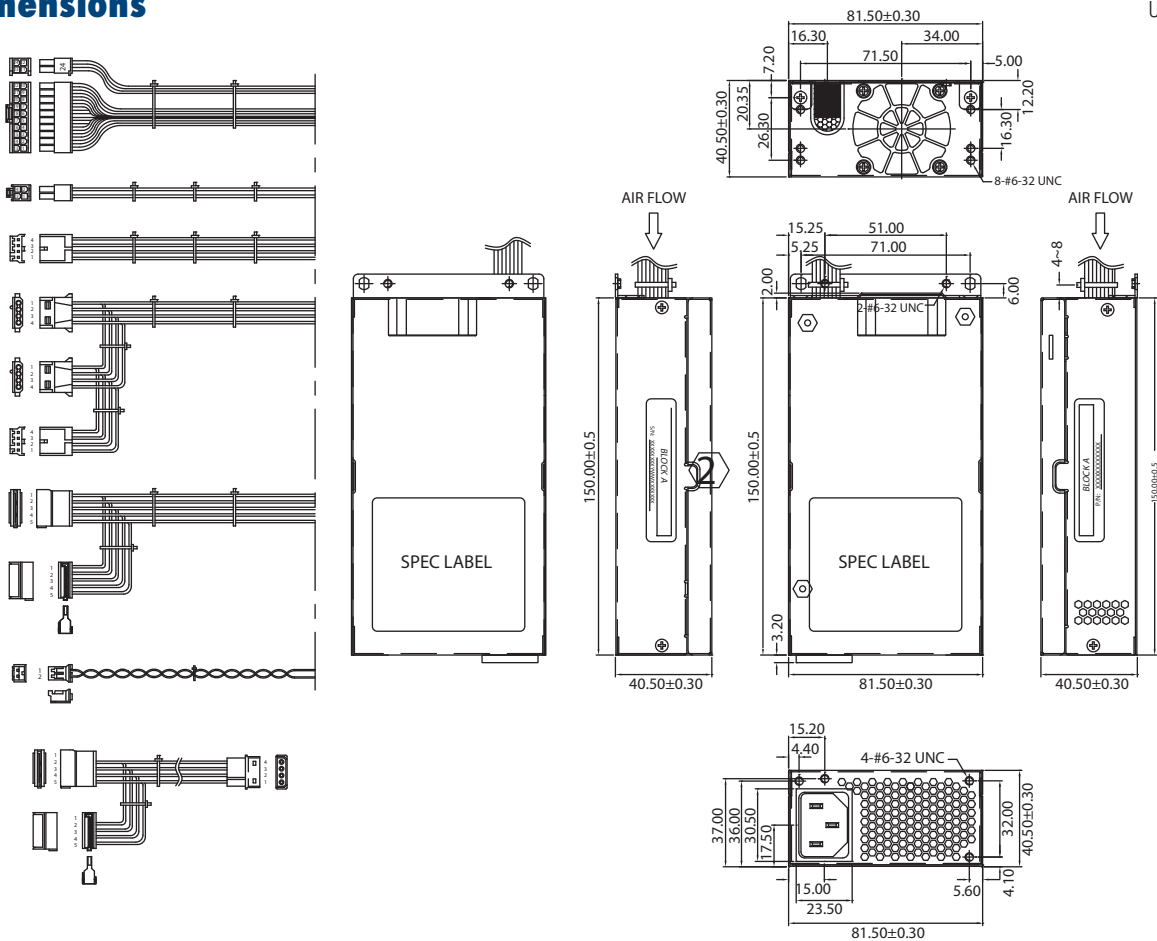


Specifications

Input	Input Voltage	100 ~ 240 V _{AC} (85 ~ 264 V _{AC})						
	Input Frequency	47 ~ 63 Hz						
	Input Current	< 6 A @ 115 V _{AC} , < 3 A @ 230V _{AC}						
	Efficiency (typical)	90%						
	80 Plus Certified	Gold						
	Max. Inrush Current	50A @ 115 V _{AC} in, and 100 @ 230 V _{AC} in without damage						
	Hold-up Time	115V / 60Hz: 12 mSec. Minimum 230V / 50Hz: 17 mSec. Minimum						
	Leakage Current	< 3.5 mA-rms @ 264 V _{AC} , 50 Hz						
Output	Output Voltage	+3.3V	+5V	+12V1	+12V2	-5V	-12V	+5VSB
	Output Current (Max.)	14A	16A	18A	18A	N/A	0.5A	3A
	Output Current (Min.)	0.1A	0.1A	0.1A	0.2A	N/A	0A	0A
	Max. Power	Total 90 Watts						
	Total Power	400 Watts						
	Accuracy (%)	±5%	±5%	±5%	±5%	N/A	±10%	±5%
	Max. Ripple & Noise (mVp-p)	50 mV	50 mV	120 mV	120 mV	N/A	120 mV	50 mV
	Load Regulation	±5%	±5%	±5%	±5%	N/A	±10%	±5%
Protection	OVP (Over Voltage Protection)	+5A	+7A	+16A	+16A	N/A	N/A	N/A
	OCP (Over Current Protection)	22 ~ 32A	22 ~ 32A	22 ~ 40A	22 ~ 40A	N/A	N/A	N/A
	SCP (Short Circuit Protection)	< 0.1 ohm. (Shut down and latch off without damage)						
	OTP (Over Temperature Protection)	Shut down and latch off without damage						
Environment	Operating Temperature	0 ~ 50°C						
	Operating Humidity	85% RH, non-condensing						
	Storage Temperature	-20 ~ 80°C						
	Storage Humidity	95% RH, non-condensing						
	Shock Test (Non-Operating)	40G, 9 mSec. half-sine wave pulse in both directions on three mutually perpendicular axes.						
	Vibration Test (Non-Operating)	0.01g ² /Hz @ 5 Hz sloping to 0.02g ² /Hz @ 20 Hz, and maintaining 0.02g ² /Hz from 20 Hz to 500 Hz. The area under the PSD curve is 3.13g RMS. (Test duration: 20 minutes per axis for all three axes.)						
Insulation	Dielectric Strength	1,500 V _{AC}						
	Insulation Resistance	20 MΩ						
Safety		CB, CE, cUL, TUV, FCC, KC, CCC						
PFC Function		Yes						
Fan Function		Yes						
Form Factor		Flex ATX						
Dimension (W x H x D)		81.5 x 40.5 x 150 mm / 3.2 x 1.6 x 5.9 in.						
MTBF (hours)		100,000 (based on MIL-217)						
Weight		861 g / 1.90 lb.						
Warranty		2 Years						

Dimensions

Unit: mm



Ordering Information

Part Number	Description
96PS-A400WFX-2	AC to DC 100-240V 400W Gold Flex ATX Power Supply with PFC

Mouser Electronics

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