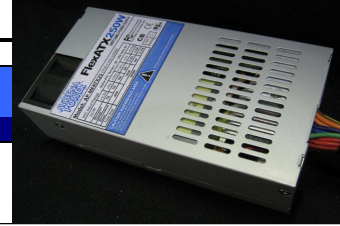
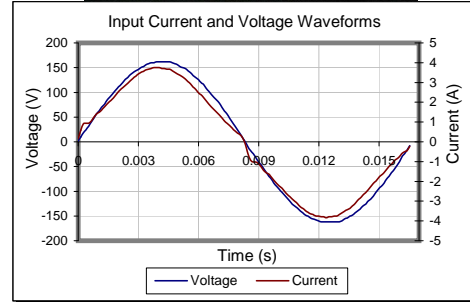


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.03%
AVERAGE EFFICIENCY :	82.41%
80 PLUS COMPLIANT:	YES



Ecos ID #	1737.1
Manufacturer	ACPC-ATHENA COMPUTER POWER CORP.
Model Number	AP-MFATX25
Serial Number	N/A
Year	2009
Type	FLEX ATX12V
Test Date	10/21/2009

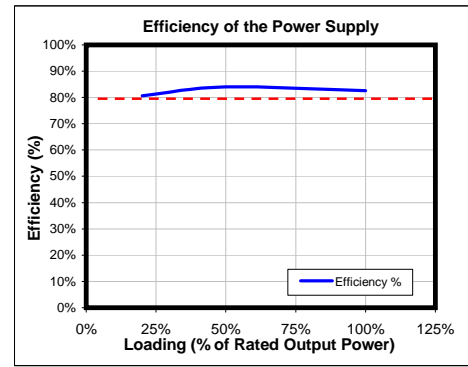
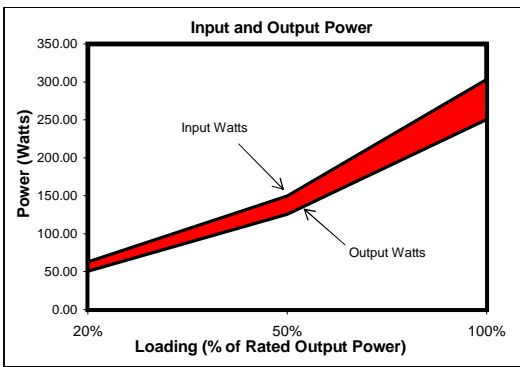


Input AC Current Waveform (ITHD = 10.18%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-4	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>250</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %				
						12V (cumulative of 12V1, 12V2, etc.)									
0.57	0.9550	9.87%	20%	Light	62.63	12.1/2.7				11.7/0.1	3.3/1.9	5.1/1.6	5.1/0.4	50.49	80.61%
1.32	0.9827	10.18%	50%	Typical	149.75	12.1/6.8				11.7/0.2	3.3/4.6	5/4.1	5/0.9	125.83	84.03%
2.65	0.9937	5.53%	100%	Full	303.10	12.1/13.7				11.8/0.4	3.2/9.3	5/8.2	4.9/1.9	250.33	82.59%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS<sup>®</sup> Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

