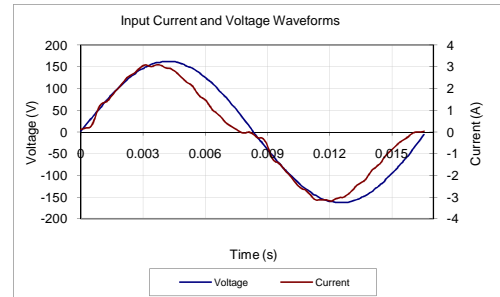


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.50%
AVERAGE EFFICIENCY :	85.06%
80 PLUS COMPLIANT:	YES



Ecos ID #	2710
Manufacturer	ACPC-Athena Computer Power Corp
Model Number	AP-MFATX40
Serial Number	N/A
Year	2011
Type	FLEX ATX
Test Date	8/12/2011

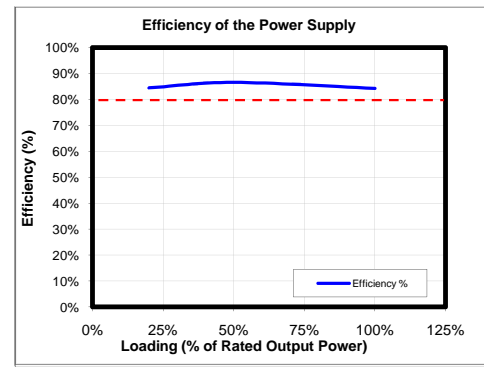
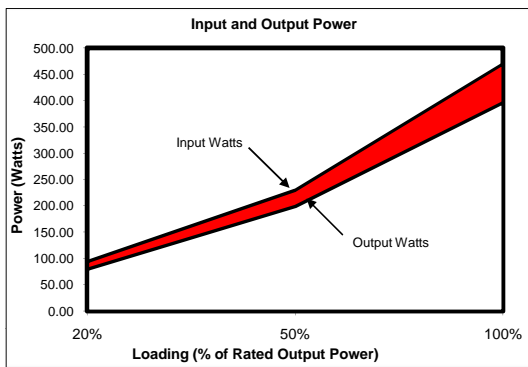


Rated Specifications	Value	Units
Input Voltage	88-264	Volts
Input Current	N/A	Amps
Input Frequency	N/A	Hz
Rated Output Power	400	Watts

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

Input AC Current Waveform (ITHD = 15.3%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)					
0.87	0.94	29.69%	20%	Light	94.43	11.8/5.3				79.73	84.43%
2.05	0.97	15.30%	50%	Typical	229.98	11.8/13.1				198.93	86.50%
4.13	0.99	9.45%	100%	Full	470.30	11.8/26.2				396.20	84.24%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS 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/>

