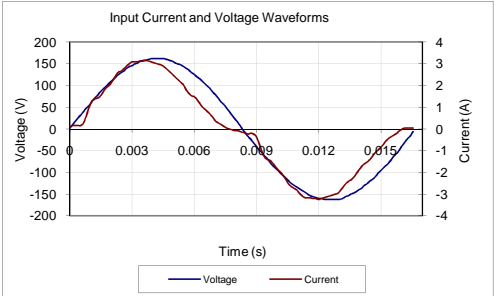


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.51%
AVERAGE EFFICIENCY :	85.15%
80 PLUS COMPLIANT:	YES



Ecos ID #	2712
Manufacturer	ACPC-Athena Computer Power Corp
Model Number	AP-U1ATX40P8
Serial Number	N/A
Year	2011
Type	1U
Test Date	8/15/2011

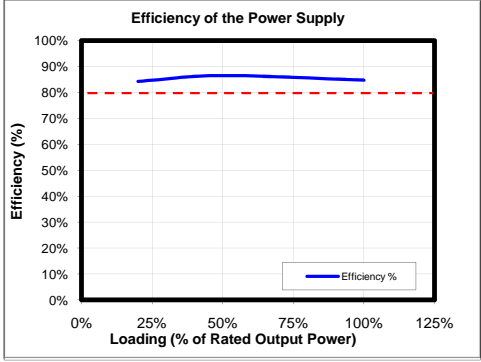
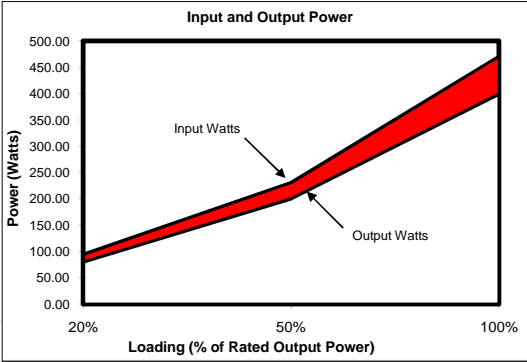


Rated Specifications	Value	Units
Input Voltage	88-264	Volts
Input Current	N/A	Amps
Input Frequency	N/A	Hz
Rated Output Power	400	Watts

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

Input AC Current Waveform (ITHD = 17.86%, 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	0.95	28.68%	20%	Light	95.00	11.9/5.3				80.03	84.24%
2.07	0.97	17.86%	50%	Typical	231.48	11.9/13.2				200.26	86.51%
4.14	0.99	9.44%	100%	Full	471.40	11.9/26.3				399.21	84.69%



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/>

