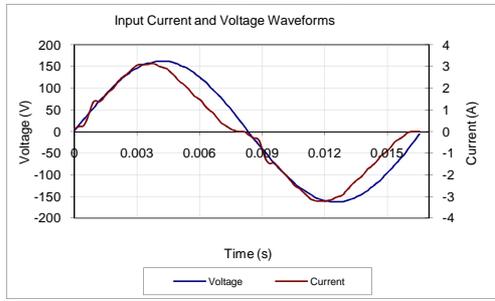


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.37%
AVERAGE EFFICIENCY :	85.03%
80 PLUS COMPLIANT:	YES



Ecos ID #	2713
Manufacturer	ACPC-Athena Computer Power Corp
Model Number	AP-U2ATX40P8
Serial Number	N/A
Year	2011
Type	2U
Test Date	8/15/2011

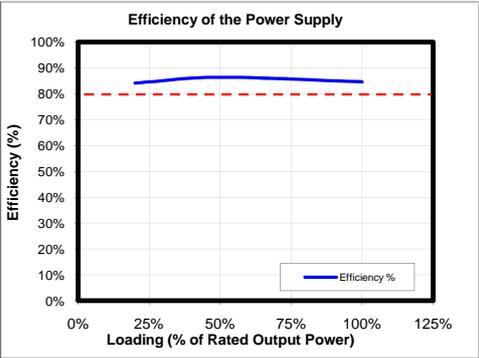
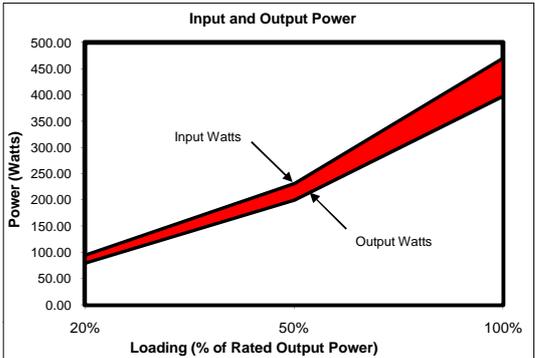


Rated Specifications	Value	Units
Input Voltage	88-264	Volts
Input Current	N/A	Amps
Input Frequency	N/A	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 14.8%, 50% Load)

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.)					
0.87	0.95	23.91%	20%	Light	94.97	11.9/5.3					
2.06	0.97	14.80%	50%	Typical	231.03	11.9/13.2				79.91	84.15%
4.12	0.99	7.20%	100%	Full	470.40	11.9/26.3				397.86	84.58%



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/>

