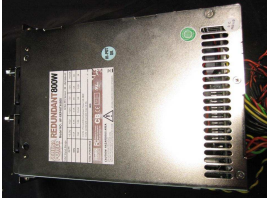
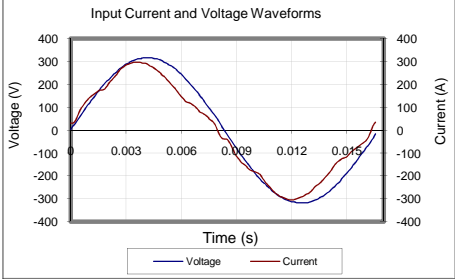


## 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>87.56%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>85.57%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	SO-218
<b>Manufacturer</b>	ACPC-Athena Computer Power Corp.
<b>Model Number</b>	AP-RRP4ATX6808
<b>Serial Number</b>	N/A
<b>Year</b>	2010
<b>Type</b>	CUSTOM
<b>Test Date</b>	12/22/2010

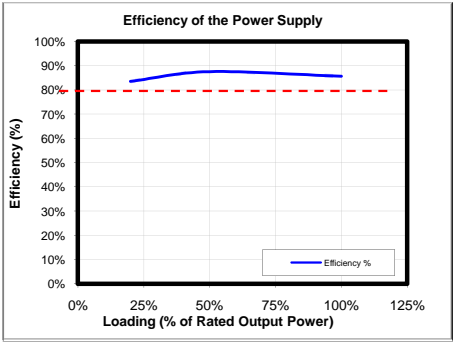
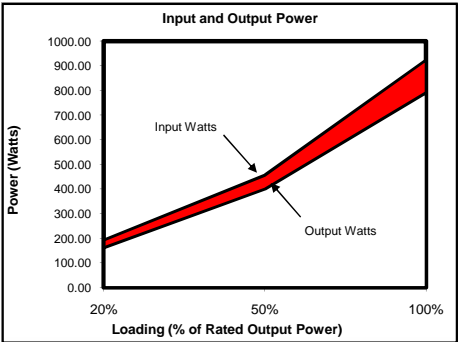


Rated Specifications	Value	Units
Input Voltage	88-264	Volts
Input Current	N/A	Amps
Input Frequency	N/A	Hz
<b>Rated Output Power</b>	<b>800</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 8.56%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	Fan Power	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
							12V	-12V	3.3V	5V*			5Vsb
0.52	0.90	7.85%	10%	Light	106.94	9.84	12.2/5.5	11.8/0.1	3.3/1.4	5/1.4	5.1/0.3	80.80	75.55%
0.87	0.96	6.97%	20%	Light	193.17	9.84	12.2/11	11.8/0.1	3.3/2.8	5/2.8	5.1/0.6	161.36	83.53%
2.01	0.99	8.56%	50%	Typical	456.70	9.84	12.1/27.5	11.8/0.2	3.3/6.9	5/6.9	5/1.5	399.87	87.56%
4.06	0.99	10.79%	100%	Full	924.20	9.96	11.9/55	11.8/0.5	3.3/13.8	5/13.8	4.9/3	791.38	85.63%



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/>

