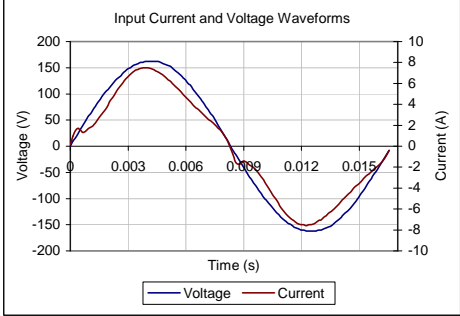


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	84.38%
AVERAGE EFFICIENCY :	82.67%
80 PLUS COMPLIANT:	YES



Ecos ID #	1427.3
Manufacturer	ACPC-ATHENA COMPUTER POWER CORP.
Model Number	AP-RRP4ATX6508
Serial Number	S8520100008
Year	2009
Type	CUSTOM
Test Date	6/9/2009

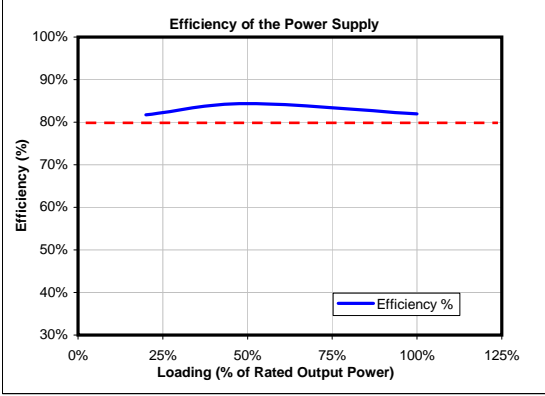
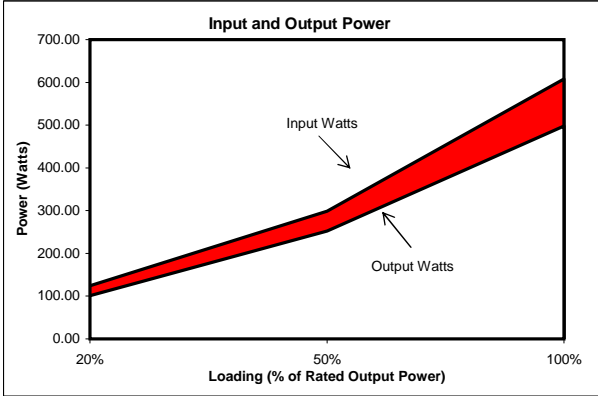


Input AC Current Waveform (ITHD = 14.16%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	47-63	Hz
Rated Output Power	500	Watts

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

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.)	-12V	3.3V	5V*	5VSB		
1.10	0.9810	16.91%	20%	Light	124.05	12.1/6.6	12.2/0.1	3.4/2	5.1/2	5/0.3	101.34	81.69%
2.63	0.9891	14.16%	50%	Typical	299.00	12.1/16.6	12.1/0.3	3.3/5.1	5.1/5.1	5/0.9	252.29	84.38%
4.99	0.9936	10.79%	100%	Full	607.60	9/33.1	12.1/0.7	3.3/10.2	5.1/10.2	4.9/1.7	497.92	81.95%



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/>

