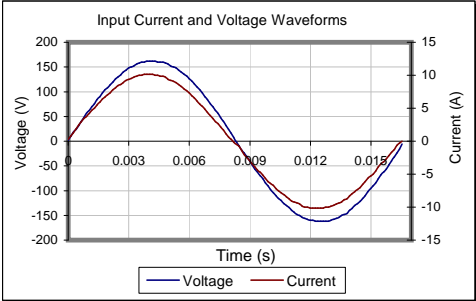


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.85%
AVERAGE EFFICIENCY :	84.92%
80 PLUS COMPLIANT:	YES



Ecos ID #	1662.2
Manufacturer	ACPC-ATHENA COMPUTER POWER CORP.
Model Number	AP-U1ATX70P8
Serial Number	S9261000035
Year	2009
Type	1U
Test Date	9/12/2009

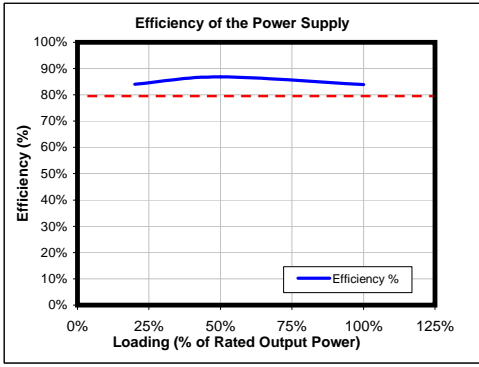
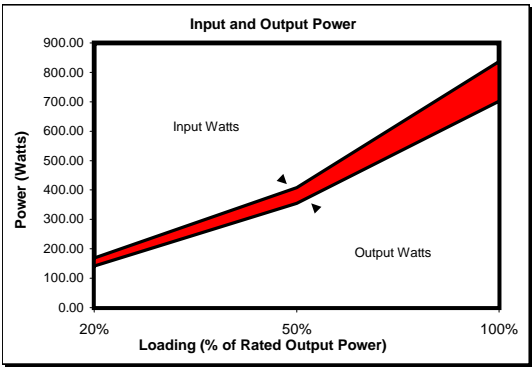


Input AC Current Waveform (ITHD = 3.48%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60-50	Hz
Rated Output Power	700	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.)						
1.49	0.98	7.35%	20%	Light	169.10	12.1/9.2	11.8/0.1	3.3/2.7	5.2/3.4	5/0.6	142.02	83.98%
3.56	1.00	3.48%	50%	Typical	408.00	12.1/23.1	11.8/0.2	3.3/6.8	5.1/8.4	5/1.4	354.34	86.85%
7.28	1.00	1.95%	100%	Full	837.00	12/46.1	11.8/0.4	3.3/13.5	5/16.9	4.9/2.9	702.40	83.92%



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/>

