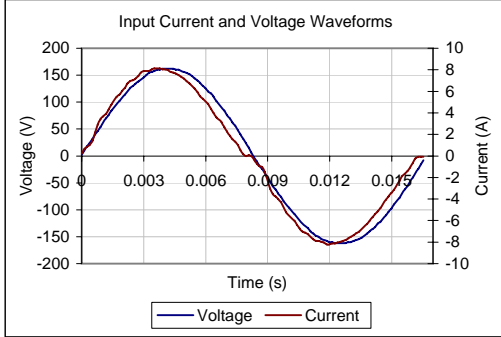


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	84.30%
AVERAGE EFFICIENCY :	82.41%
80 PLUS COMPLIANT:	YES

Ecos ID #	1269
Manufacturer	ATHENA COMPUTER POWER CORP.
Model Number	MPS3ATX47-55EP
Serial Number	00001607
Year	2009
Type	ATX12V & EPS12V
Test Date	1/19/2009

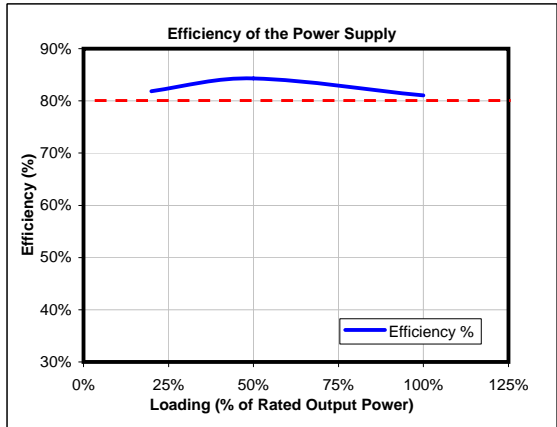
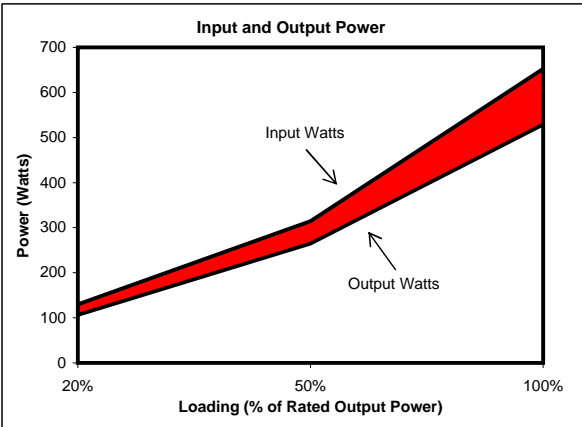


Input AC Current Waveform (ITHD = 9.49%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	88-264	Volts
Input Current	N/A	Amps
Input Frequency	N/A	Hz
Rated Output Power	530	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		
1.17	0.96	17.5%	20%	Light	130	12/6.4	11.4/0.1	3.4/3.1	5/3.1	5/0.5	106	81.87%
2.79	0.98	9.5%	50%	Typical	315	12/16	11.5/0.2	3.4/7.8	5/7.8	4.9/1.2	265	84.30%
5.71	0.99	6.7%	100%	Full	652	12/31.9	11.7/0.5	3.4/15.5	4.9/15.5	4.9/2.5	529	81.07%



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/>

