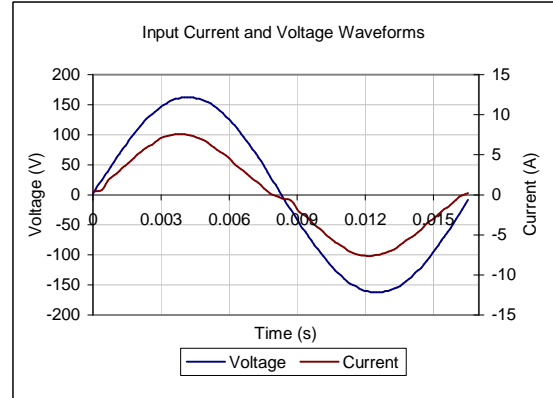


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.16%
AVERAGE EFFICIENCY :	82.66%
80 PLUS COMPLIANT:	YES



Ecos ID #	202
Manufacturer	AcBel
Model Number	API3FS43
Serial Number	6903
Year	2007
Type	ATX12V
Test Date	4/19/2007

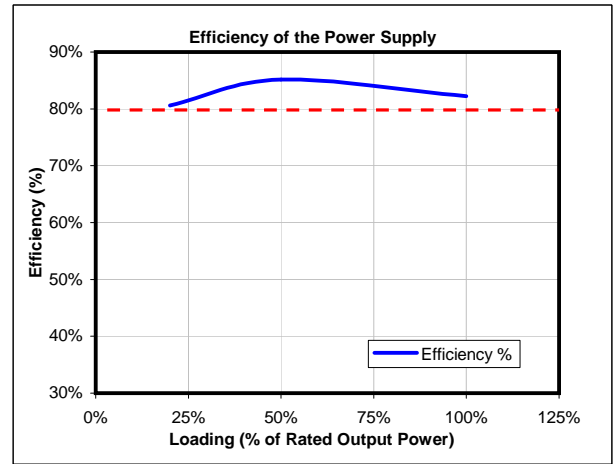
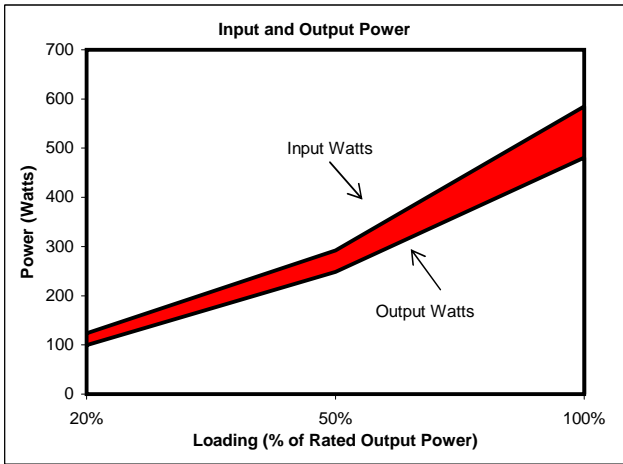


Input AC Current Waveform (ITHD = 13.55%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	60/50	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 %
						12V1	12V2	12V3	-12V	3.3V	5V*	5VSB			
1.12	0.96	20.4%	20%	Light	124	11.9/1.9	11.9/1.9	11.9/2.7	12/0.1	3.4/2.9	5/2.2	5.1/0.4	100	80.61%	
2.58	0.98	13.6%	50%	Typical	292	11.9/4.6	11.9/4.6	11.9/6.7	12.1/0.2	3.4/7.3	5/5.5	5/0.9	249	85.16%	
5.13	0.99	9.9%	100%	Full	585	11.9/9.3	11.8/9.3	11.9/10	12.1/0.5	3.3/14.8	4.9/10.9	4.9/1.8	481	82.23%	



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.