

80 PLUS Verification and Testing Report

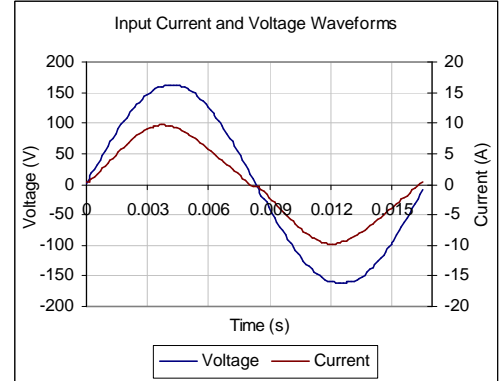
TYPICAL EFFICIENCY (50% Load):	84.45%
AVERAGE EFFICIENCY :	82.66%
80 PLUS COMPLIANT:	YES



Ecos ID #	103
Manufacturer	AcBel
Model Number	API5PC38
Serial Number	N/A
Year	2006
Type	ATX12V
Test Date	9/13/2006

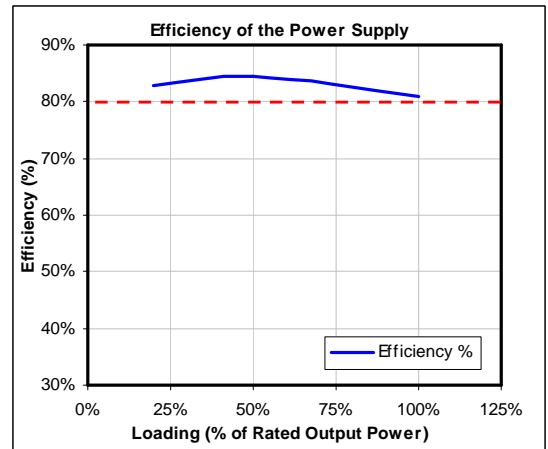
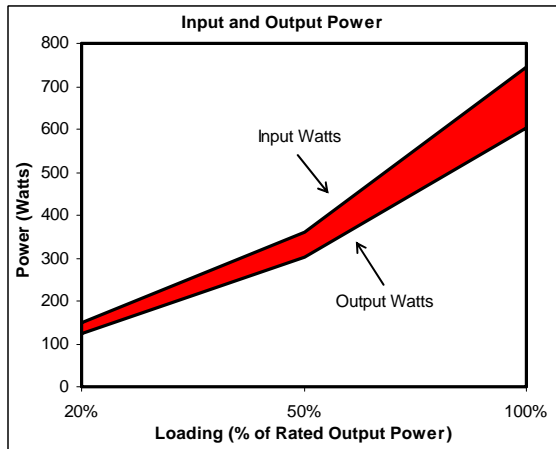
Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	10 - 5	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	607	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz. Fan LEDs were illuminated during all tests.



Input AC Current Waveform (ITHD = 11.41%, 50% Load)

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		
1.31	0.98	15.0%	20%	Light	147	12/2.5	12.1/2.5	12.1/2.5	12.1/0.2	3.3/3.2	5/3.2	5/0.6	122	82.75%
3.16	0.99	11.4%	50%	Typical	359	12/6.2	12/6.2	12/6.2	12.1/0.4	3.3/8	4.9/7.9	5/1.5	303	84.45%
6.54	0.99	8.6%	100%	Full	747	12/12.5	12/12.5	12/12.5	11.8/0.8	3.2/15.9	4.9/15.9	4.9/3	603	80.78%



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/>

