

80 PLUS Verification and Testing Report

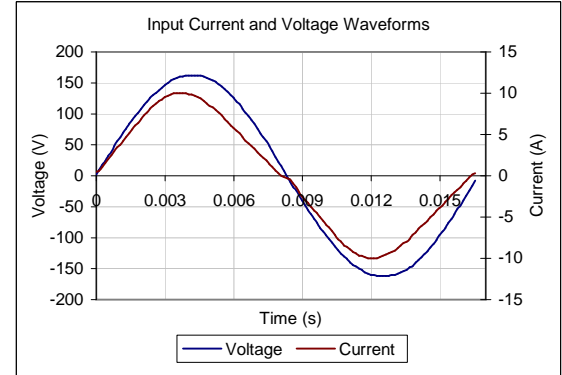
TYPICAL EFFICIENCY (50% Load): 84.09%
AVERAGE EFFICIENCY : 82.45%
80 PLUS COMPLIANT: YES



Ecos ID #	324
Manufacturer	ACBEL
Model Number	ATX-670CA-AB8FB
Serial Number	NA
Year	2007
Type	ATX
Test Date	8/6/2007

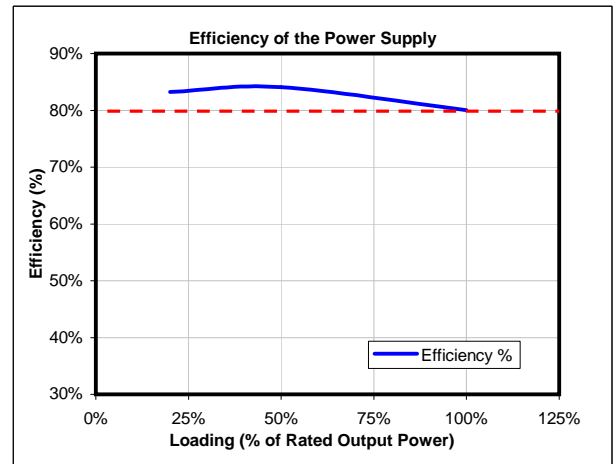
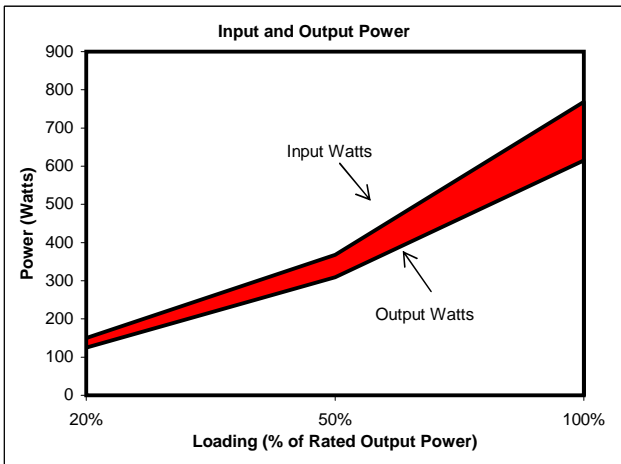
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-8	Amps
Input Frequency	50-60	Hz
Rated Output Power	670	Watts

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



Input AC Current Waveform (ITHD = 11.03%, 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 %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
1.33	0.98	12.8%	20%	Light	150	12.1/7.3	12/0.2	3.3/4.2	5/3.4	5/0.7	125	83.23%
3.24	0.99	11.0%	50%	Typical	368	12.1/18.3	12/0.4	3.3/10.6	4.8/8.5	4.9/1.8	310	84.09%
6.74	0.99	8.6%	100%	Full	768	12/36.5	11.9/0.8	3.2/21	4.8/17	4.8/3.5	615	80.05%



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.