

80 PLUS Verification and Testing Report

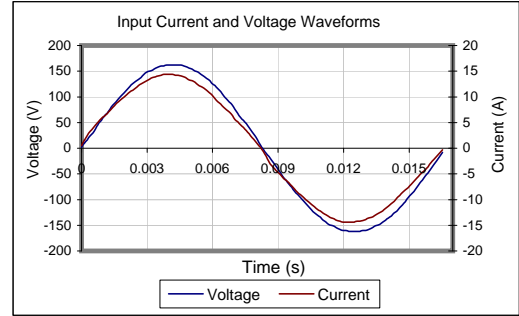
TYPICAL EFFICIENCY (50% Load):	84.49%
AVERAGE EFFICIENCY :	82.44%
80 PLUS COMPLIANT:	YES



Ecos ID #	298
Manufacturer	ATNG
Model Number	APE-1100X
Serial Number	NA
Year	2007
Type	ATX
Test Date	7/5/2007

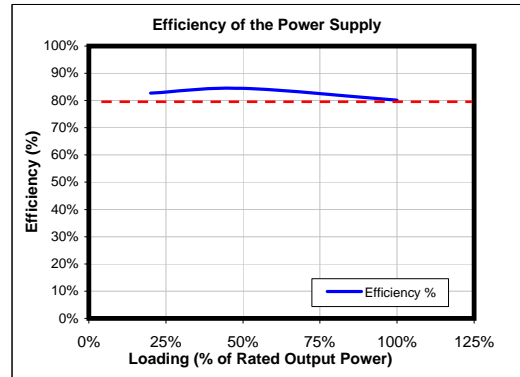
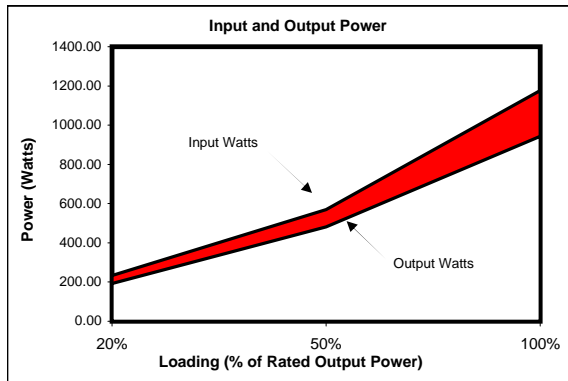
Rated Specifications	Value	Units
Input Voltage	115/230	Volts
Input Current	15	Amps
Input Frequency	50/60	Hz
Rated Output Power	950	Watts

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



Input AC Current Waveform (THD = 2.47%, 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
2.08	0.98	5.97%	20%	Light	233.70	12.2/12.8		12.2/0.1	3.4/3.4	5.1/4.2	5.1/0.6	193.32	82.72%
4.97	1.00	2.47%	50%	Typical	569.70	12.1/32.1		12.2/0.2	3.4/8.8	5/10.5	5/1.5	481.33	84.49%
10.25	1.00	1.78%	100%	Full	1177.10	12/64.1		12.3/0.2	3.3/16.8	4.9/21.1	4.8/3	943.05	80.12%



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/>

