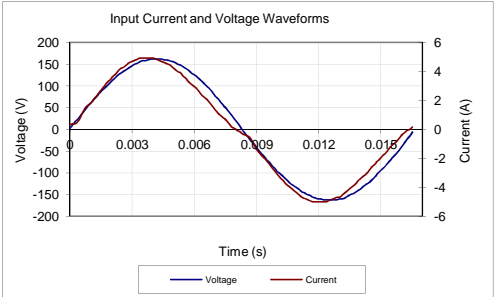


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.80%
AVERAGE EFFICIENCY :	91.32%
80 PLUS COMPLIANT:	YES



Ecos ID #	2801.4
Manufacturer	SilentiumPC
Model Number	SM1-700
Serial Number	N/A
Year	2011
Type	ATX12V
Test Date	10/5/2011

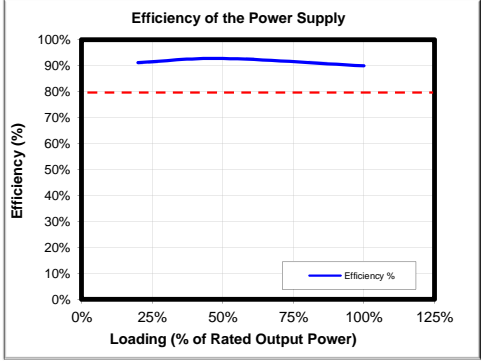
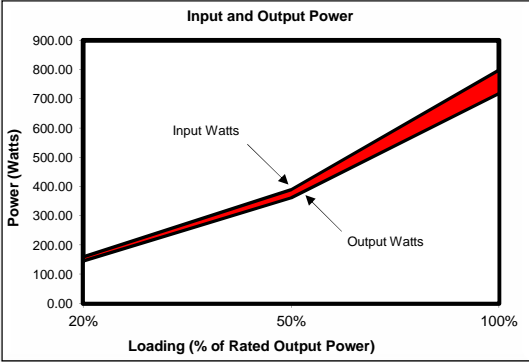


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4.7	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

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

Input AC Current Waveform (ITHD = 8.16%, 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.)						
1.41	0.98	12.63%	20%	Light	158.89	12.4/9.8					144.90	91.19%
3.41	0.99	8.16%	50%	Typical	389.00	12.4/24.3					360.98	92.80%
6.97	1.00	6.28%	100%	Full	798.10	12.3/48.7					718.11	89.98%



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/>

