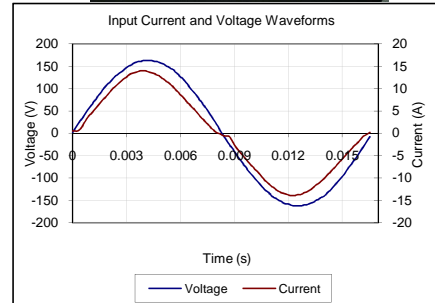


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>88.06%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.53%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	1327
<b>Manufacturer</b>	PC POWER & COOLING
<b>Model Number</b>	SILENCER PPCS910
<b>Serial Number</b>	91004A83500006
<b>Year</b>	2009
<b>Type</b>	ATX12V
<b>Test Date</b>	2/27/2009

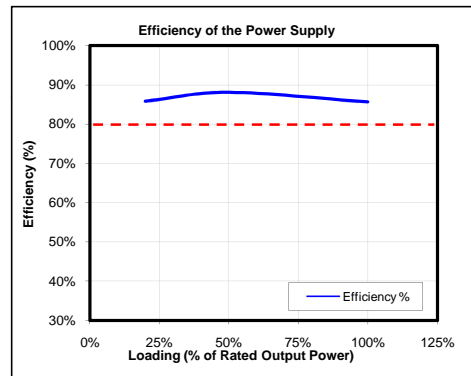
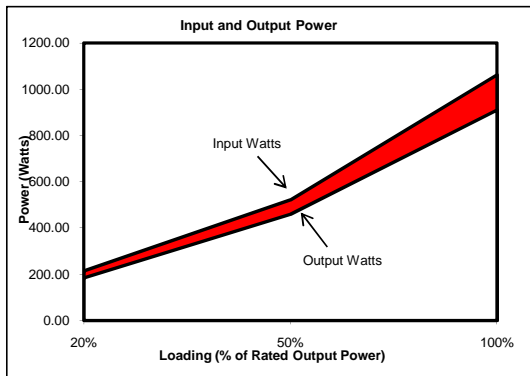


Input AC Current Waveform (ITHD = 15.79%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7.5	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>910</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
1.94	0.9667	24.60%	20%	Light	215.51	12.2/12.7	12.1/0.1	3.4/2.7	5/3.3	5/0.5	185.00	85.84%
4.60	0.9853	15.79%	50%	Typical	522.10	12.1/31.7	12.1/0.3	3.4/6.7	5/8.4	5/1.3	459.79	88.06%
9.30	0.9929	9.30%	100%	Full	1062.90	12/63.4	12.1/0.7	3.4/13.4	5/16.7	4.9/2.6	910.72	85.68%



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/>

