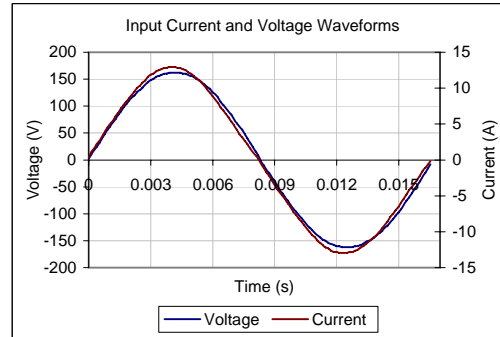


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.05%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>83.05%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	1244
<b>Manufacturer</b>	CORSAIR
<b>Model Number</b>	CMPSU-850TX
<b>Serial Number</b>	00372908467141
<b>Year</b>	2009
<b>Type</b>	ATX12V
<b>Test Date</b>	1/22/2009

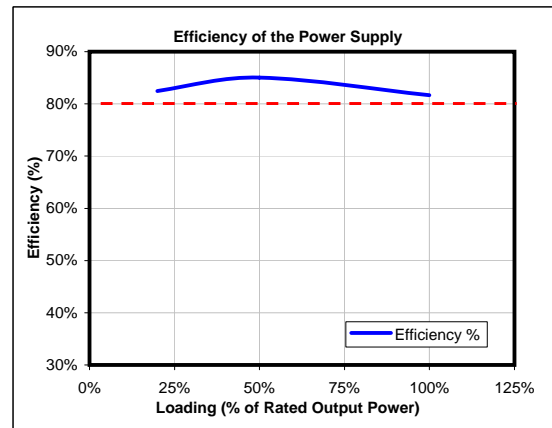
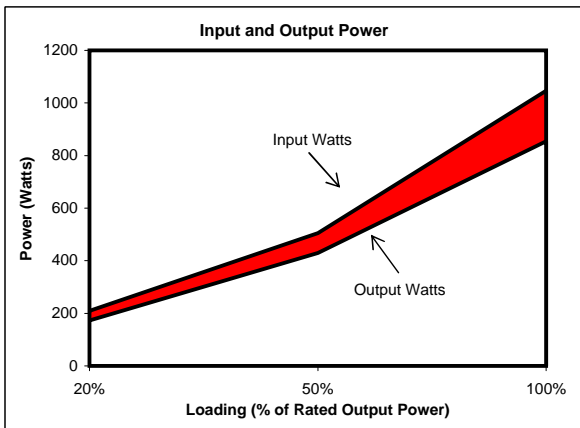


Input AC Current Waveform (ITHD = 4.89%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>850</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		
1.84	0.99	6.5%	20%	Light	209	12.1/11.4	12.2/0.1	3.4/3.5	5.1/3.5	5.2/0.5	173	82.43%
4.41	1.00	4.9%	50%	Typical	506	12.1/28.5	12.2/0.3	3.4/8.8	5.1/8.8	5.1/1.2	430	85.05%
9.10	1.00	3.6%	100%	Full	1046	12/57	12.2/0.6	3.3/17.5	5.1/17.6	5.1/2.4	854	81.67%



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.