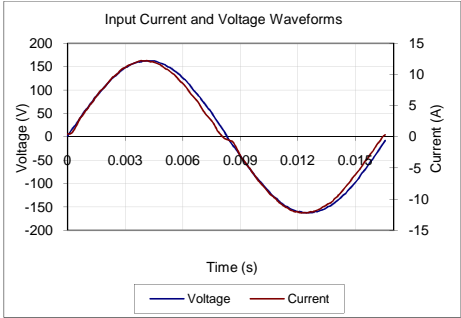


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.38%
AVERAGE EFFICIENCY :	88.86%
80 PLUS COMPLIANT:	YES



Ecos ID #	1464
Manufacturer	CORSAIR
Model Number	CMPSU-850HX
Serial Number	09190620-560
Year	2009
Type	ATX12V
Test Date	6/12/2009

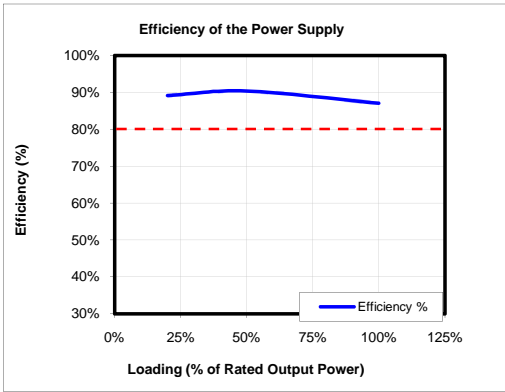
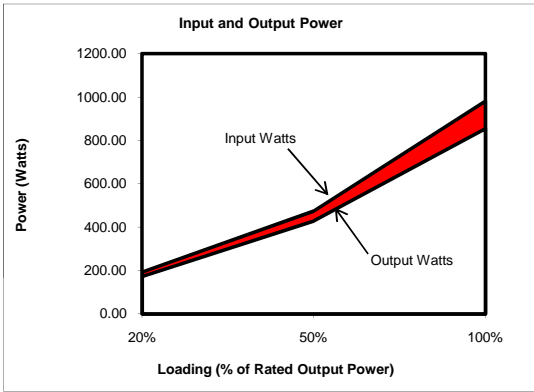


Input AC Current Waveform (THD = 9.29%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50/60	Hz
Rated Output Power	850	Watts

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

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		
1.71	0.9837	15.55%	20%	Light	193.20	12.1/11.8	11.8/0.1	3.3/3	5.1/3	5/0.5	172.22	89.14%
4.15	0.9927	9.29%	50%	Typical	474.40	12.1/29.4	11.8/0.3	3.3/7.5	5/7.5	5/1.3	428.77	90.38%
8.56	0.9979	4.89%	100%	Full	981.80	12.1/58.8	11.8/0.7	3.3/15	5/15.1	5/2.5	854.77	87.06%



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.