

80 PLUS Verification and Testing Report

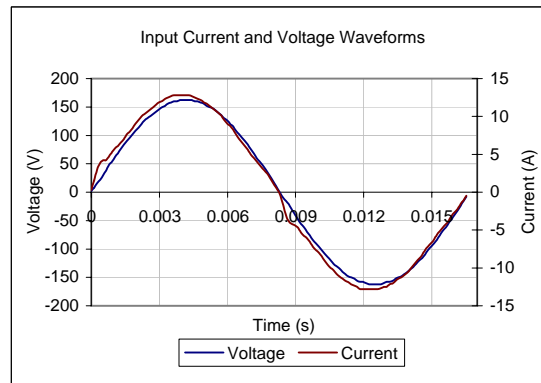
TYPICAL EFFICIENCY (50% Load):	84.66%
AVERAGE EFFICIENCY :	82.62%
80 PLUS COMPLIANT:	YES



Ecos ID #	200.1
Manufacturer	Rosewill
Model Number	RX850-S-B
Serial Number	N/A
Year	2007
Type	ATX12V
Test Date	4/19/2007

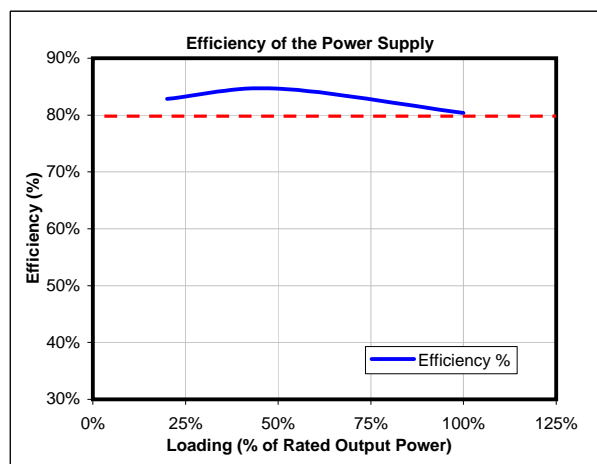
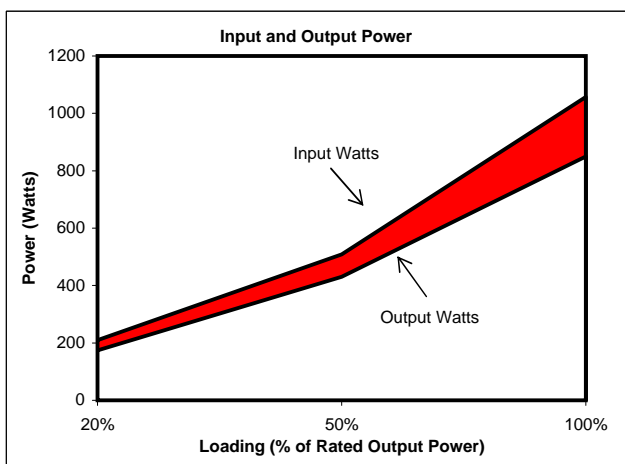
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 2.18%, 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 %
						12V1	12V2	12V3	12V4	-12V	3.3V	5V*	5VSB		
1.88	0.97	7.3%	20%	Light	209	12.3/2.9	12.3/2.9	12.2/2.9	12.3/3	12.2/0.1	3.4/2.6	5/3.2	5/0.6	173	82.83%
4.45	0.99	2.2%	50%	Typical	508	12.2/7.3	12.1/7.4	12.2/7.3	12.2/7.4	12.1/0.2	3.4/6.4	4.9/8	4.9/1.5	430	84.66%
9.24	1.00	3.6%	100%	Full	1057	12.1/11.7	12.1/11.7	12.1/11.7	12.1/11.8	12/0.5	3.3/12.9	4.8/16.1	4.8/3	850	80.36%



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/>

