

# 80 PLUS Verification and Testing Report

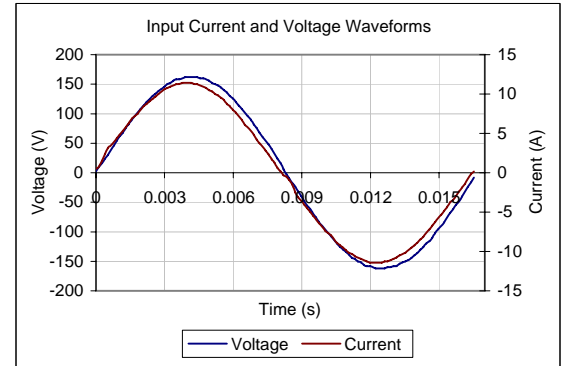
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.47%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>81.80%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	199.1
<b>Manufacturer</b>	Rosewill
<b>Model Number</b>	RX750-D-B
<b>Serial Number</b>	NA
<b>Year</b>	2007
<b>Type</b>	ATX12V
<b>Test Date</b>	4/19/2007

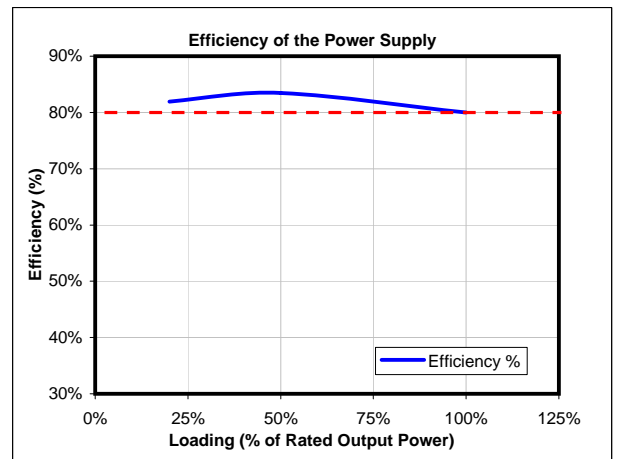
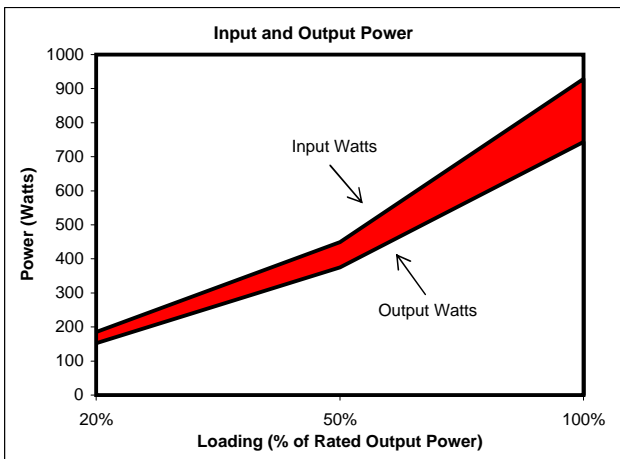
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>750</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 3.2%, 50% Load)

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		
1.68	0.96	12.2%	20%	Light	185	12.2/10.36	12.2/0.1	3.4/2.9	5/3.6	5/0.6	152	81.93%
3.95	0.99	3.2%	50%	Typical	449	12.1/24.6	12.1/0.2	3.4/7.2	4.8/9	4.9/1.5	375	83.47%
8.14	0.99	3.3%	100%	Full	929	12/49.2	12.1/0.5	3.3/14.3	4.8/18	4.7/3	743	80.01%



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/>

