

80 PLUS Verification and Testing Report

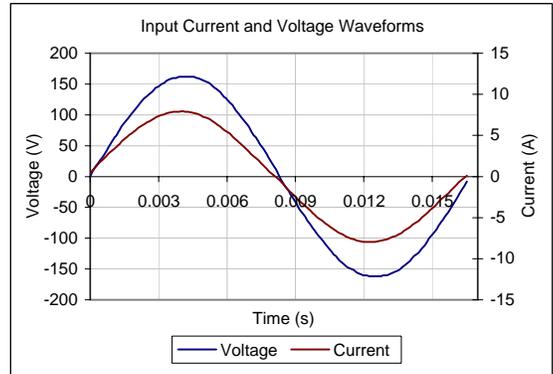


TYPICAL EFFICIENCY (50% Load):	85.61%
AVERAGE EFFICIENCY :	84.11%
80 PLUS COMPLIANT:	YES

Ecos ID #	467.1
Manufacturer	Rosewill
Model Number	RG530-2
Serial Number	NA
Year	2007
Type	EPS12V
Test Date	12/13/2007

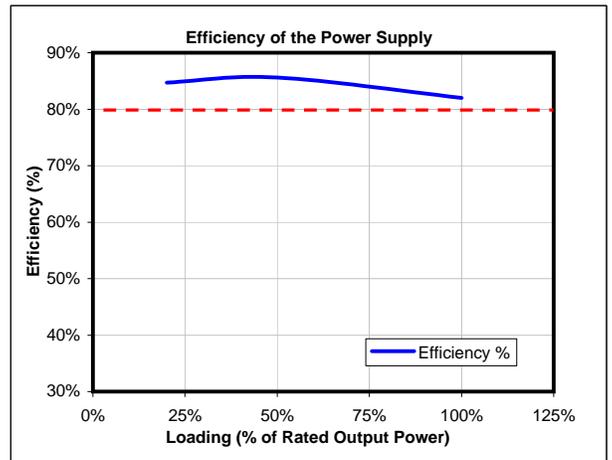
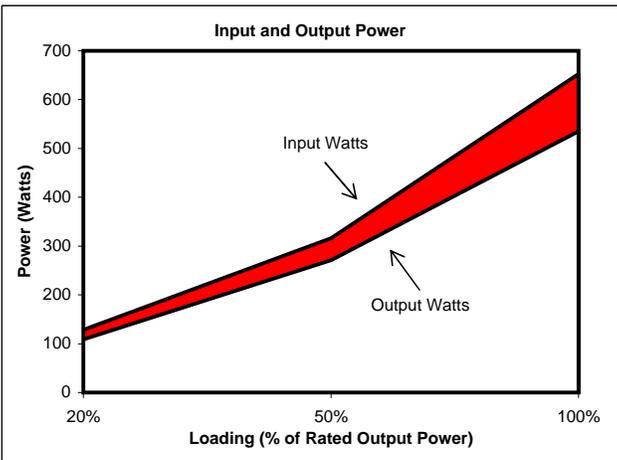
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	530	Watts

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



Input AC Current Waveform (ITHD = 5.5%, 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 %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
1.14	0.98	7.8%	20%	Light	129	12.4/6.7	12.2/0.1	3.4/2.7	5/2.7	5/0.5	109	84.72%
2.78	0.99	5.5%	50%	Typical	316	12.3/16.6	12.2/0.2	3.3/6.8	4.9/6.8	4.9/1.2	271	85.61%
5.69	1.00	2.4%	100%	Full	652	12.3/33.3	12.3/0.5	3.2/13.6	4.8/13.6	4.8/2.5	535	82.01%



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/>

