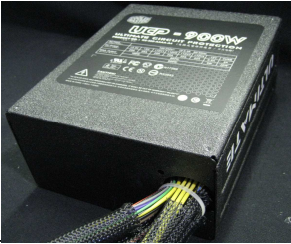
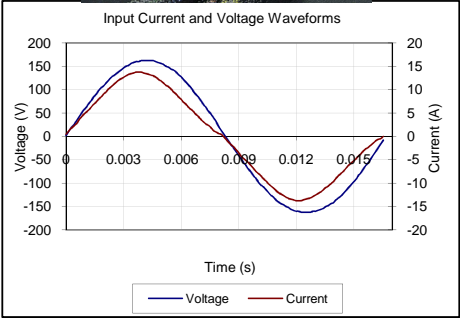


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.05%
AVERAGE EFFICIENCY :	88.24%
80 PLUS COMPLIANT:	YES



Ecos ID #	1350.1
Manufacturer	COOLERMASTER
Model Number	RS-900-AAAA-A4
Serial Number	N/A
Year	2009
Type	ATX12V & EPS12V
Test Date	3/11/2009

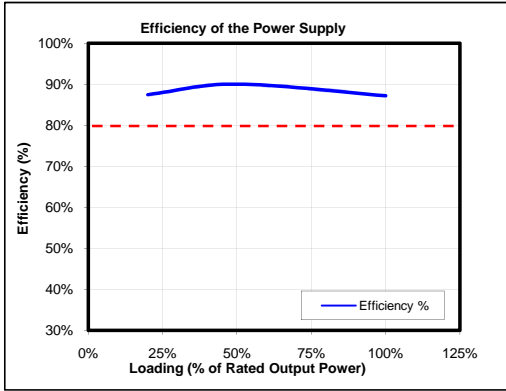
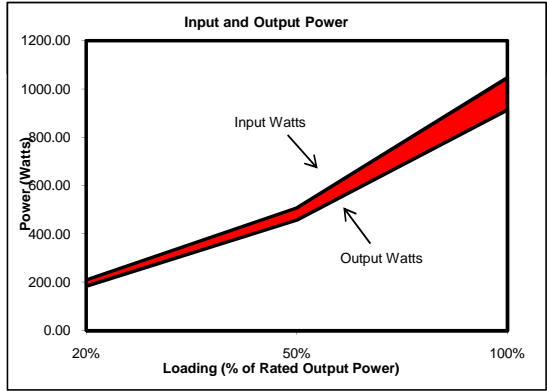


Input AC Current Waveform (ITHD = 13.81%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6.3	Amps
Input Frequency	60/50	Hz
<b>Rated Output Power</b>	<b>900</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		
1.87	0.9791	11.46%	20%	Light	210.26	12.2/12.4	11.6/0.1	3.4/3.2	5.2/3.2	5.1/0.7	183.91	87.47%
4.52	0.9784	13.81%	50%	Typical	508.40	12.2/31.1	11.6/0.2	3.4/8	5.2/8	5.1/1.7	457.79	90.05%
9.19	0.9912	8.77%	100%	Full	1047.50	12.1/62.1	11.7/0.4	3.4/16	5.2/16.1	5.1/3.5	913.36	87.19%



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.