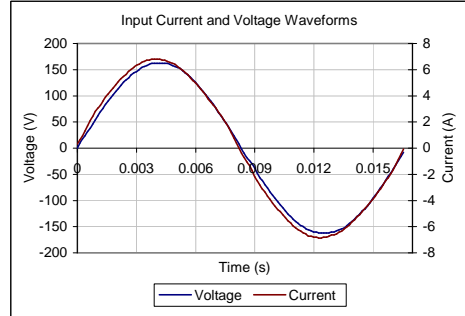


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.00%
AVERAGE EFFICIENCY :	89.38%
80 PLUS COMPLIANT:	YES



Ecos ID #	1395.1
Manufacturer	HEWLETT PACKARD COMPANY
Model Number	506077-001
Serial Number	5AMHD0ANFX50Y4
Year	2009
Type	1U
Test Date	4/13/2009

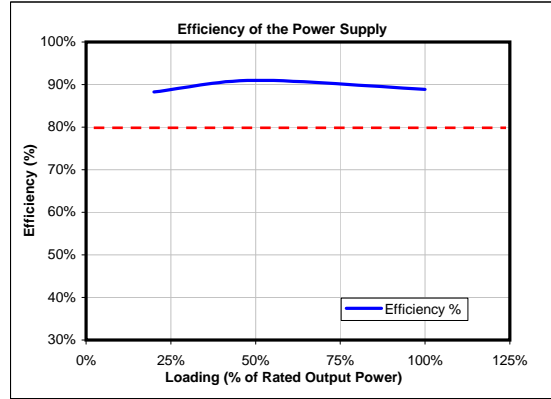
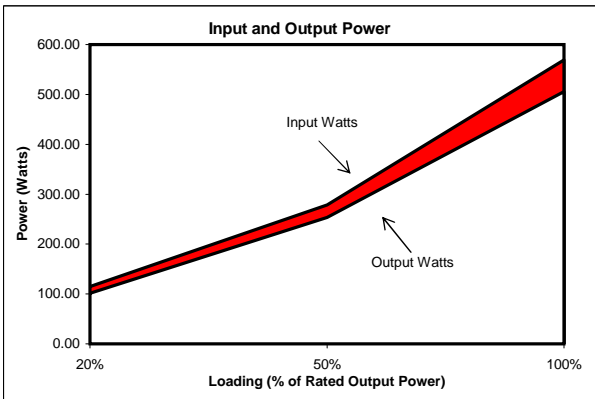


Input AC Current Waveform (ITHD = 4.7%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10/5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>500</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		
1.02	0.9785	17.11%	20%	Light	115.10	12.1/6.3	0/0	3.4/2.3	5.2/2.7	5.2/0.5	101.63	88.29%
2.43	0.9951	4.70%	50%	Typical	278.48	12.1/15.8	0/0	3.4/5.8	5.2/6.8	5.2/1.4	253.41	91.00%
4.95	0.9994	2.06%	100%	Full	569.40	12.1/31.6	0/0	3.4/11.7	5.2/13.5	5.1/2.7	505.93	88.85%



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.