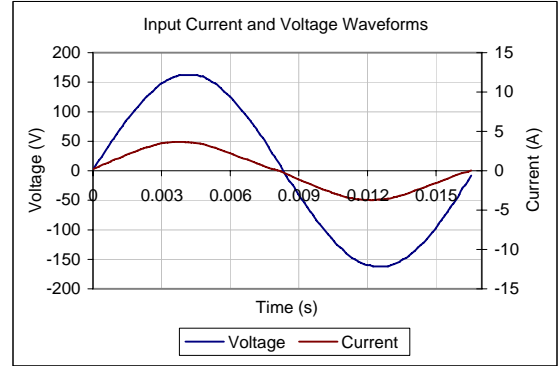


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.01%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>84.06%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	762.2
<b>Manufacturer</b>	HEWLETT PACKARD
<b>Model Number</b>	PC-6019-022G
<b>Serial Number</b>	5ABDP0AG5W703B
<b>Year</b>	2008
<b>Type</b>	CUSTOM
<b>Test Date</b>	9/25/2008

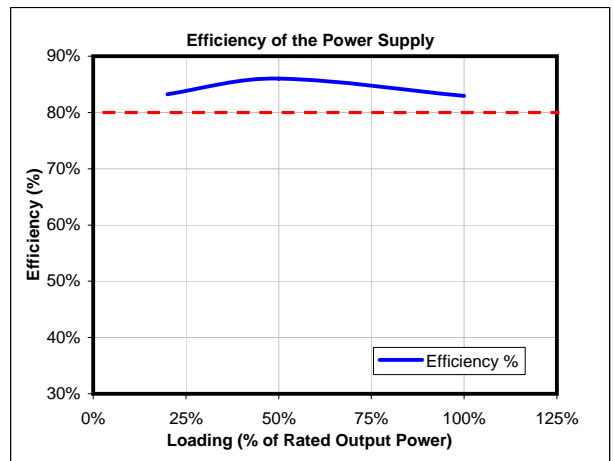
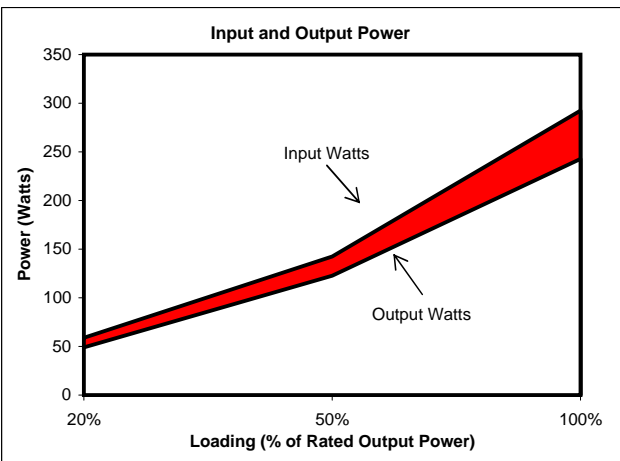


Input AC Current Waveform (ITHD = 9.49%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-24	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>240</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		
0.53	0.97	8.1%	20%	Light	59	12.3/2.4	12/0	3.4/1.9	5.1/2.1	5.2/0.4	49	83.21%
1.27	0.98	9.5%	50%	Typical	143	12.3/6	12.1/0	3.3/4.7	5.1/5.4	5.1/0.9	123	86.01%
2.56	0.99	6.0%	100%	Full	293	12.2/12.1	0/0.1	3.3/9.5	5.1/10.7	5.1/1.9	243	82.96%



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.