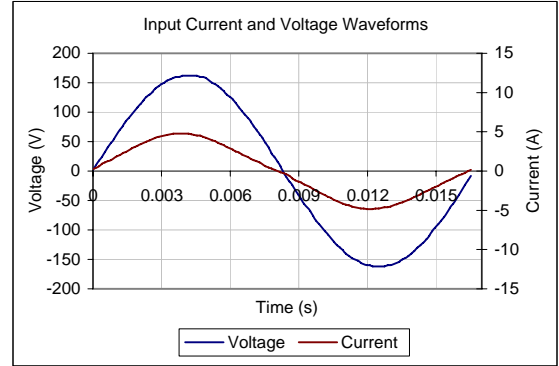


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	83.75%
AVERAGE EFFICIENCY :	81.42%
80 PLUS COMPLIANT:	YES

Ecos ID #	761.1
Manufacturer	HP
Model Number	PC7036-020G
Serial Number	NA
Year	2008
Type	CUSTOM
Test Date	8/7/2008

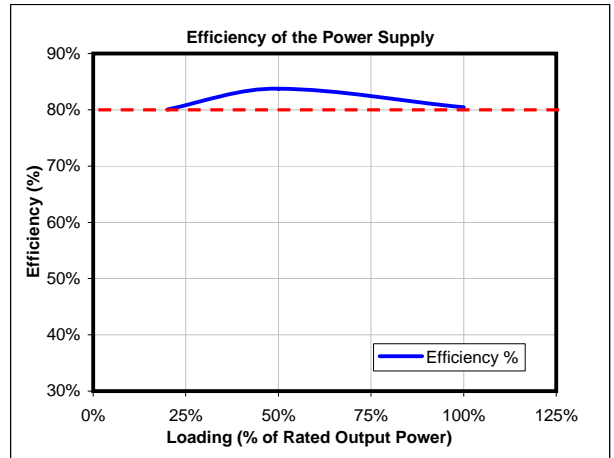
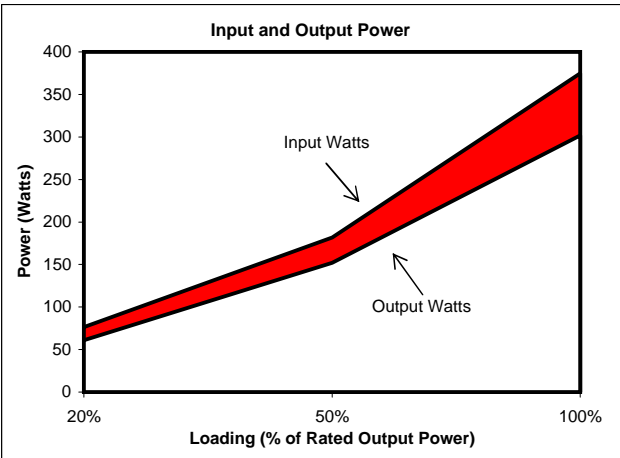


Input AC Current Waveform (ITHD = 10%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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

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
0.68	0.97	12.8%	20%	Light	76	12.2/3.2	12.1/0	3.4/2.2	5.1/2.6	5.1/0.3	61	80.05%
1.61	0.98	10.0%	50%	Typical	182	12.2/7.9	12.1/0	3.3/5.6	5.1/6.6	5/0.7	152	83.75%
3.28	0.99	6.8%	100%	Full	375	12.1/15.7	12.2/0.1	3.3/11.1	5/13.2	5/1.4	302	80.46%



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.