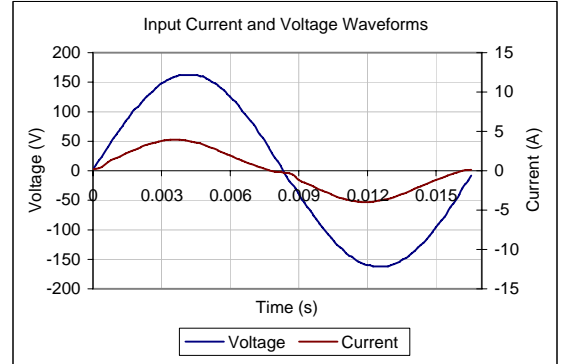


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	83.79%
AVERAGE EFFICIENCY :	82.42%
80 PLUS COMPLIANT:	YES

Ecos ID #	760.1
Manufacturer	HP
Model Number	PS-6241-4HP2
Serial Number	00133212
Year	2008
Type	CUSTOM
Test Date	8/6/2008

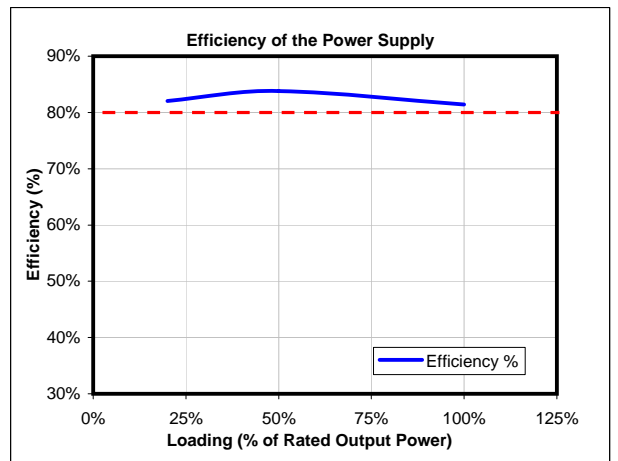
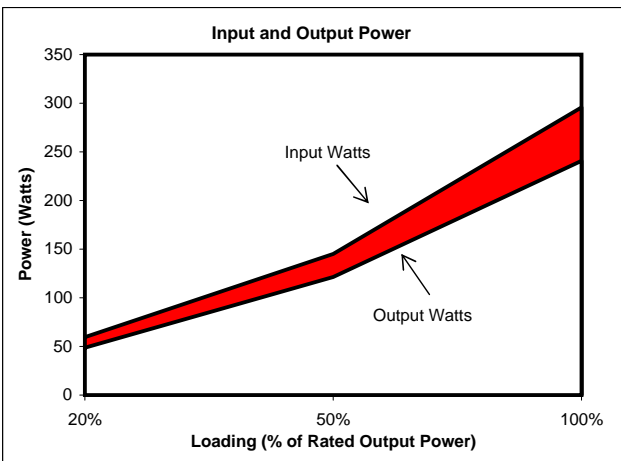


Input AC Current Waveform (ITHD = 17.66%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	240	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
0.53	0.98	12.5%	20%	Light	59	12.2/2.4	11.5/0	3.4/1.9	5.1/2.1	5.1/0.4	49	82.04%
1.30	0.97	17.7%	50%	Typical	145	12.1/6	11.7/0	3.4/4.7	5.1/5.4	5.1/0.9	121	83.79%
2.63	0.98	11.9%	100%	Full	296	12.1/12.1	11.8/0.1	3.3/9.5	5/10.7	5/1.9	241	81.44%



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.