

80 PLUS Verification and Testing Report

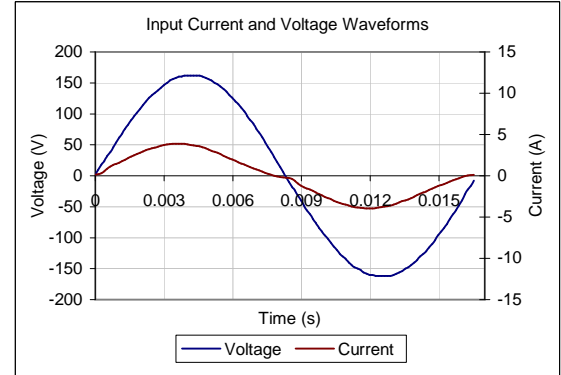


TYPICAL EFFICIENCY (50% Load):	83.09%
AVERAGE EFFICIENCY :	81.72%
80 PLUS COMPLIANT:	YES

Ecos ID #	322
Manufacturer	HP
Model Number	PS-6241-4HP
Serial Number	00006252
Year	2007
Type	CUSTOM
Test Date	8/20/2007

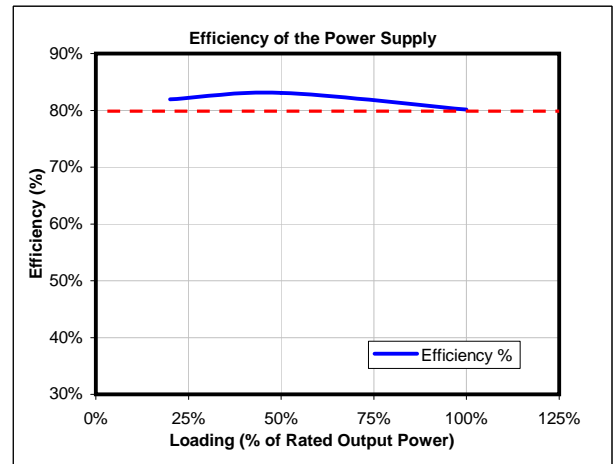
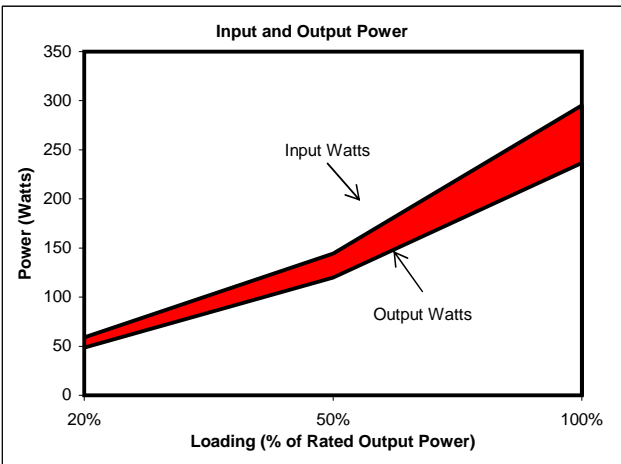
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	240	Watts

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



Input AC Current Waveform (ITHD = 16.8%, 50% Load)

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		
0.52	0.98	12.3%	20%	Light	59	12.1/2.4	11.5/0	3.3/1.9	5.1/2.1	5.1/0.4	48	81.93%
1.29	0.97	16.8%	50%	Typical	144	12/6	11.6/0	3.3/4.7	5/5.4	5/0.9	120	83.09%
2.61	0.98	11.0%	100%	Full	295	11.9/12.1	11.7/0.1	3.2/9.5	4.9/10.7	4.7/1.9	237	80.15%



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.