

80 PLUS Verification and Testing Report

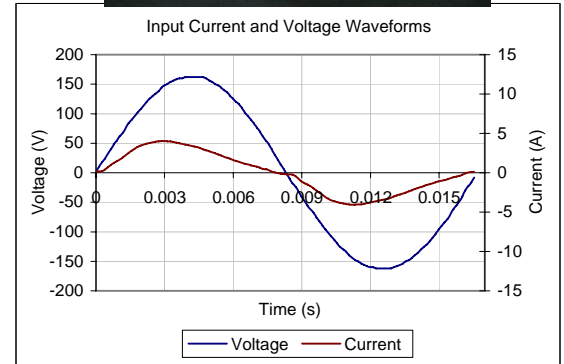
TYPICAL EFFICIENCY (50% Load): 86.91%
AVERAGE EFFICIENCY : 85.30%
80 PLUS COMPLIANT: YES



Ecos ID #	755.2
Manufacturer	HEWLETT PACKARD
Model Number	PS-6241-5HP
Serial Number	00000911
Year	2008
Type	CUSTOM
Test Date	9/25/2008

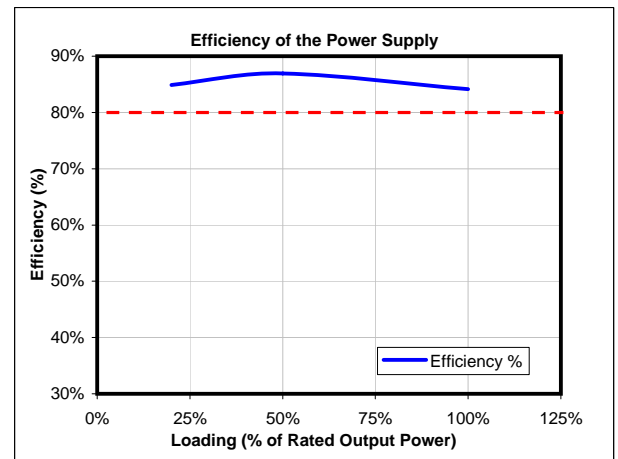
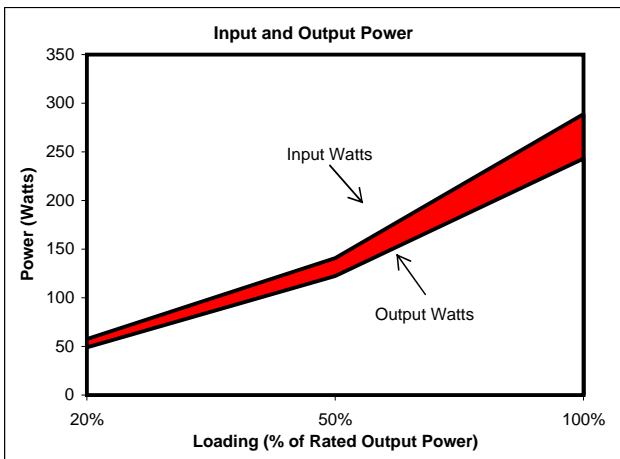
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	240	Watts

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



Input AC Current Waveform (ITHD = 23.21%, 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		
0.54	0.94	25.5%	20%	Light	58	12.2/2.4	11.3/0	3.4/1.9	5.1/2.1	5.2/0.4	49	84.87%
1.29	0.95	23.2%	50%	Typical	141	12.2/6	11.4/0	3.4/4.7	5.1/5.4	5.2/0.9	122	86.91%
2.61	0.96	16.6%	100%	Full	289	12.1/12.1	11.5/0.1	3.4/9.5	5.1/10.7	5.1/1.9	243	84.12%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

