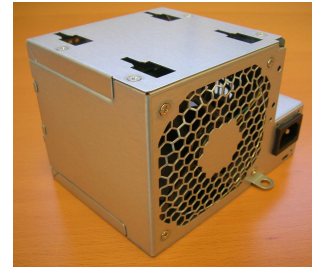


# 80 PLUS Verification and Testing Report

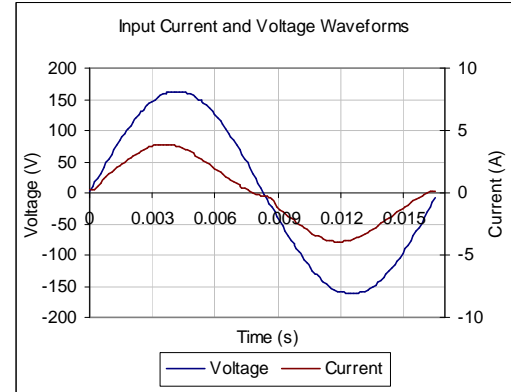
TYPICAL EFFICIENCY (50% Load):	82.88%
AVERAGE EFFICIENCY :	81.18%
80 PLUS COMPLIANT:	YES



Ecos ID #	131
Manufacturer	HP
Model Number	PS-6241-08HP
Serial Number	N/A
Year	2006
Type	Custom
Test Date	11/6/2006

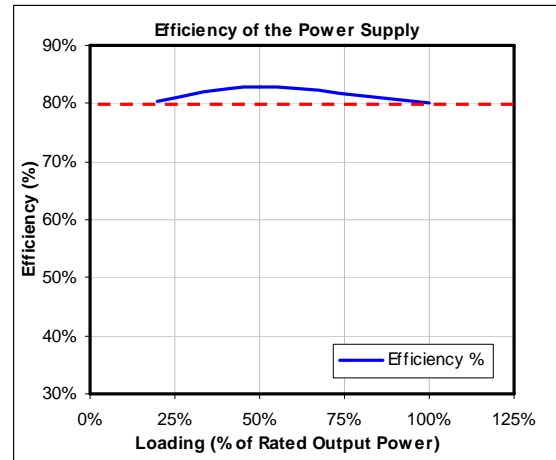
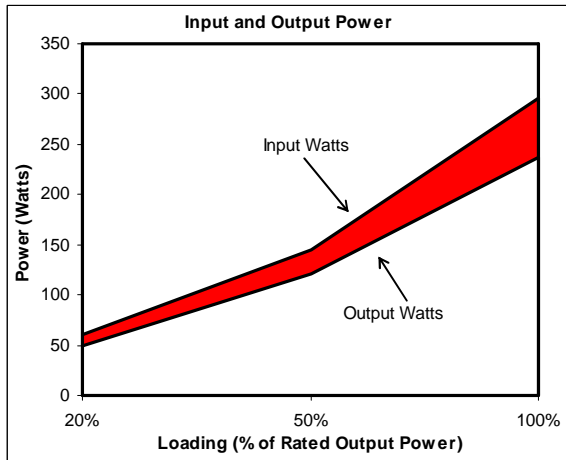
Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	3.5	Amps
Input Frequency	60 - 50	Hz
<b>Rated Output Power</b>	<b>240</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 17.99%, 50% Load)

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 %
						12V1	12V2	-12V	3.3V	5V*	5VSB		
0.54	0.97	12.7%	20%	Light	61	12.2/0.9	12.2/1.5	12.3/0	3.4/1.9	5.1/2.2	5.1/0.3	49	80.45%
1.30	0.97	18.0%	50%	Typical	145	12.1/2.3	12.1/3.7	12.3/0.1	3.3/4.9	5.1/5.5	0.7/5	120	82.88%
2.63	0.98	11.6%	100%	Full	296	12/4.5	12/7.4	12.5/0.1	3.2/9.7	5/11	5/1.3	238	80.23%



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 EPRI Solutions Inc., Knoxville, TN.