

# 80 PLUS Verification and Testing Report

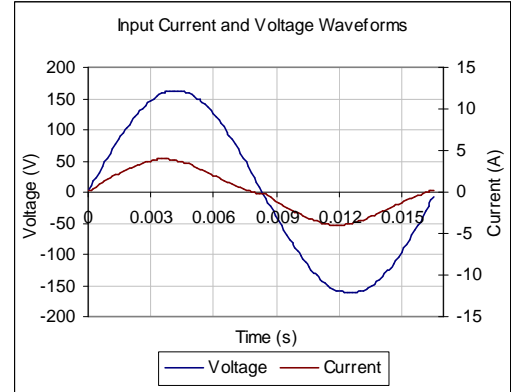
TYPICAL EFFICIENCY (50% Load):	83.01%
AVERAGE EFFICIENCY :	81.14%
80 PLUS COMPLIANT:	YES



Ecos ID #	130
Manufacturer	HP
Model Number	PS-6241-02HP
Serial Number	117
Year	2006
Type	Custom
Test Date	11/15/2006

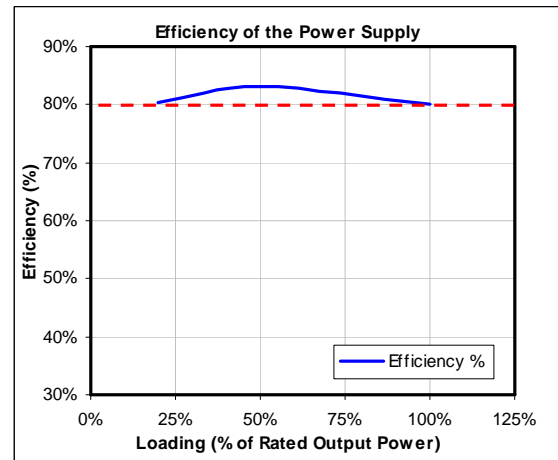
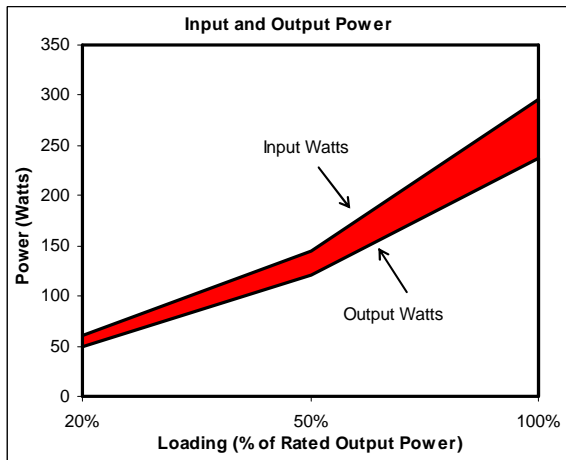
Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	3.5	Amps
Input Frequency	60 - 50	Hz
<b>Rated Output Power</b>	<b>240</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 16.72%, 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	13.4%	20%	Light	60	12.2/0.9	12.1/1.5	11.6/0	3.4/1.9	5.1/2.1	5.1/0.4	49	80.27%
1.29	0.98	16.7%	50%	Typical	145	12.1/2.4	12.1/3.6	11.7/0.1	3.3/4.7	5.1/5.4	5/0.9	120	83.01%
2.63	0.98	11.5%	100%	Full	297	12/4.7	12/7.2	11.9/0.1	3.3/9.4	4.9/10.7	5/1.9	238	80.13%



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/>

