

80 PLUS Verification and Testing Report

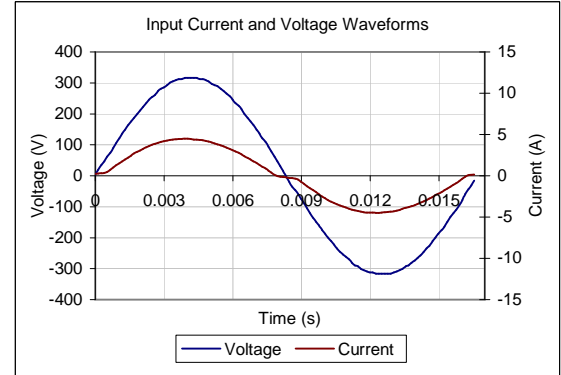


TYPICAL EFFICIENCY (50% Load):	84.85%
AVERAGE EFFICIENCY :	83.04%
80 PLUS COMPLIANT:	YES

Ecos ID #	323
Manufacturer	HP
Model Number	PS-6361-02HP
Serial Number	00012623
Year	2007
Type	CUSTOM
Test Date	8/1/2007

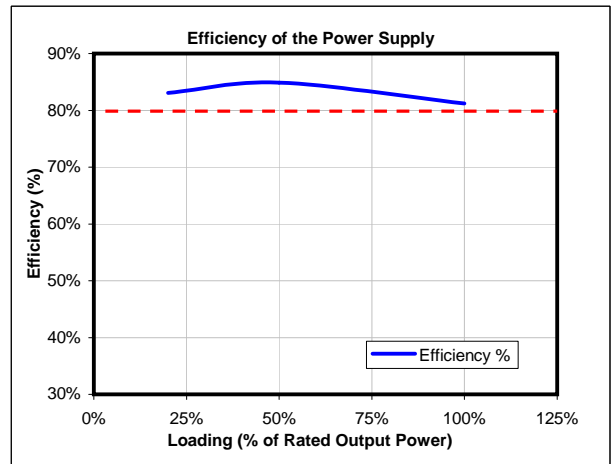
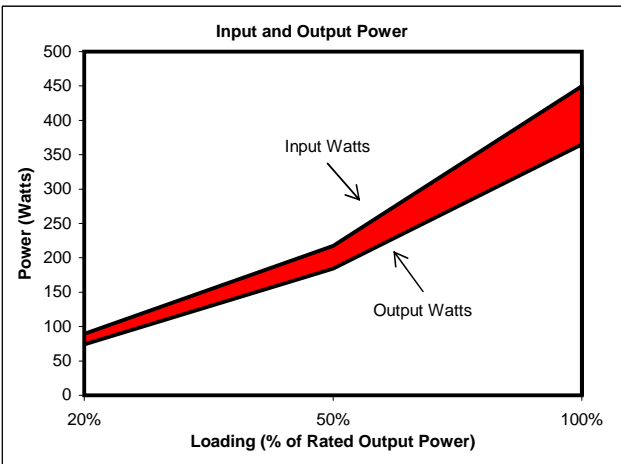
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	365	Watts

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



Input AC Current Waveform (ITHD = 13.73%, 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		
0.79	0.98	15.9%	20%	Light	89	12.2/4	11.6/0	3.3/3.3	5.1/2.6	5.1/0.3	74	83.04%
1.94	0.98	13.7%	50%	Typical	218	12.2/9.8	11.7/0.1	3.3/8.1	5/6.4	5/1.1	185	84.85%
3.95	0.99	9.4%	100%	Full	450	12.1/19.6	11.9/0.1	3.2/16.2	5/12.9	5/2.2	365	81.23%



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 Electric Power Research Institute, Knoxville, TN.