

80 PLUS Verification and Testing Report

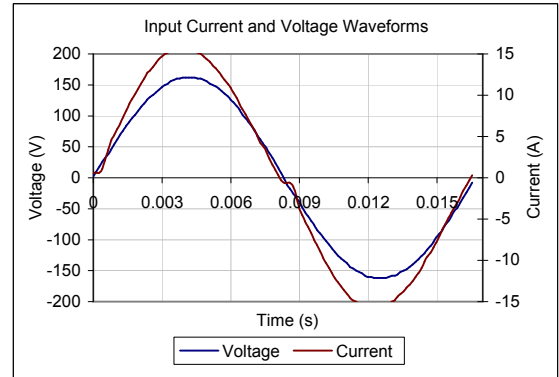


TYPICAL EFFICIENCY (50% Load):	84.99%
AVERAGE EFFICIENCY :	82.47%
80 PLUS COMPLIANT:	YES

Ecos ID #	427
Manufacturer	HP
Model Number	DPS-1050CB A
Serial Number	NA
Year	2007
Type	Custom
Test Date	10/19/2007

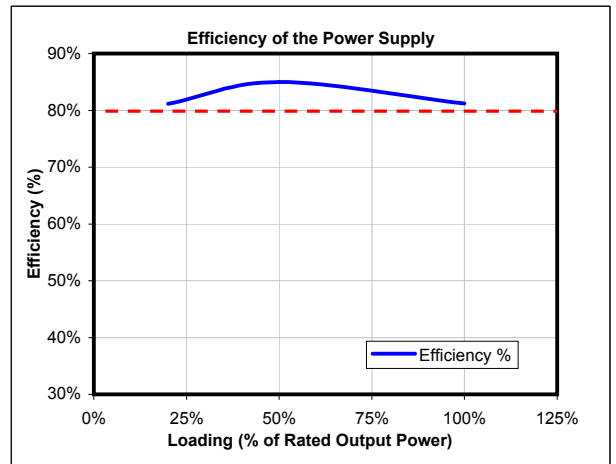
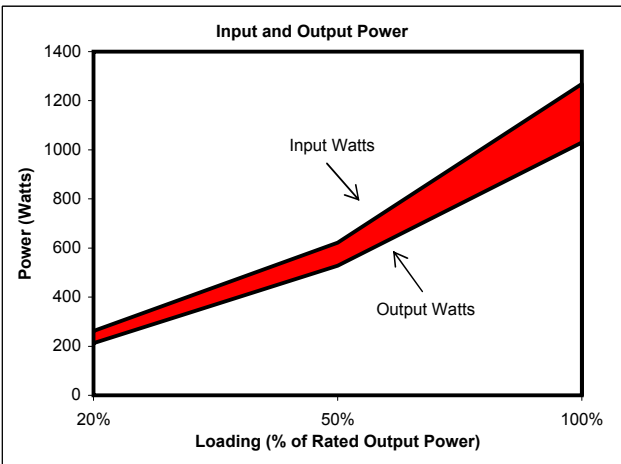
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13.2	Amps
Input Frequency	50-60	Hz
Rated Output Power	1050	Watts

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



Input AC Current Waveform (ITHD = 10.2%, 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		
2.33	0.98	16.7%	20%	Light	262	12.1/14.6	12.1/0	3.3/3.5	5.1/2.9	5/1.6	213	81.18%
5.44	0.99	10.2%	50%	Typical	621	12.1/36.7	12.2/0.1	3.2/8.8	5.1/7.2	4.9/3.9	528	84.99%
11.16	0.99	5.9%	100%	Full	1268	11.8/73.2	12.4/0.3	3/17.6	4.9/14.4	4.6/7.8	1030	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.