

80 PLUS Verification and Testing Report

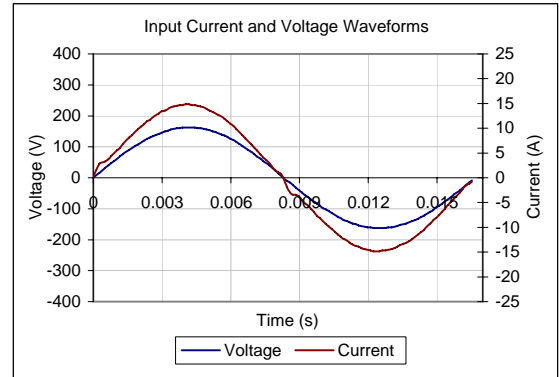


TYPICAL EFFICIENCY (50% Load):	84.29%
AVERAGE EFFICIENCY :	82.31%
80 PLUS COMPLIANT:	YES

Ecos ID #	244
Manufacturer	DELL
Model Number	H1000
Serial Number	NA
Year	2007
Type	Custom
Test Date	6/12/2007

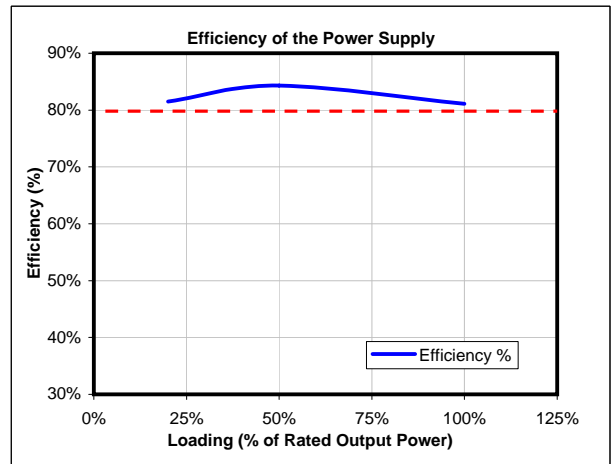
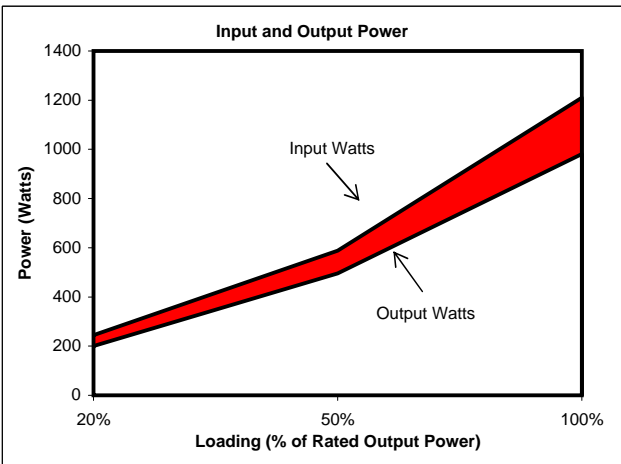
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	14	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 4.27%, 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		
2.15	0.99	5.3%	20%	Light	245	11.9/13.3	12/0	3.3/4.4	5/4.7	5/0.5	200	81.51%
5.13	1.00	4.3%	50%	Typical	589	11.9/33.3	12/0.1	3.3/10.9	5/11.6	4.9/1.3	496	84.29%
10.52	1.00	2.9%	100%	Full	1210	11.8/66.5	12.1/0.2	3.2/21.7	4.9/23.3	4.8/2.5	981	81.12%



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.