

80 PLUS Verification and Testing Report

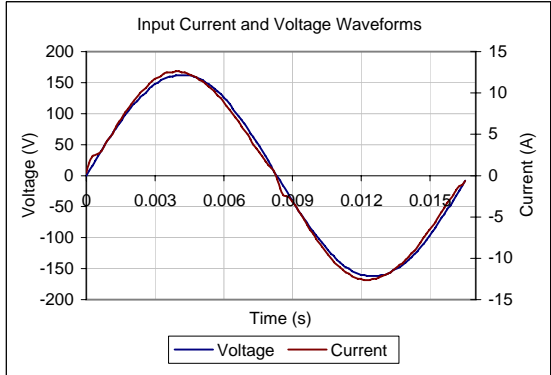
TYPICAL EFFICIENCY (50% Load):	88.83%
AVERAGE EFFICIENCY :	86.64%
80 PLUS COMPLIANT:	YES



Ecos ID #	914
Manufacturer	DELL
Model Number	H875EF-00
Serial Number	NA
Year	2008
Type	CUSTOM
Test Date	9/20/2008

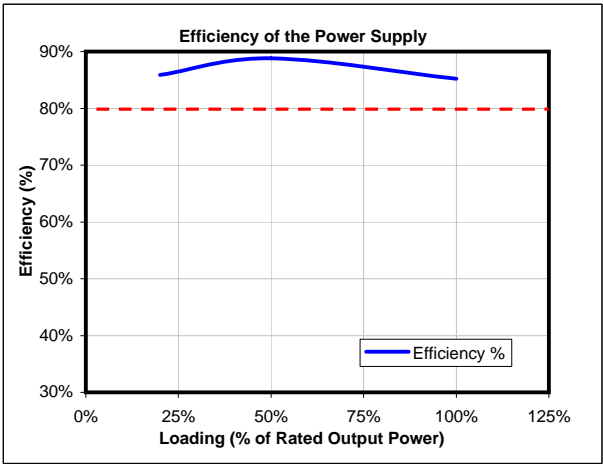
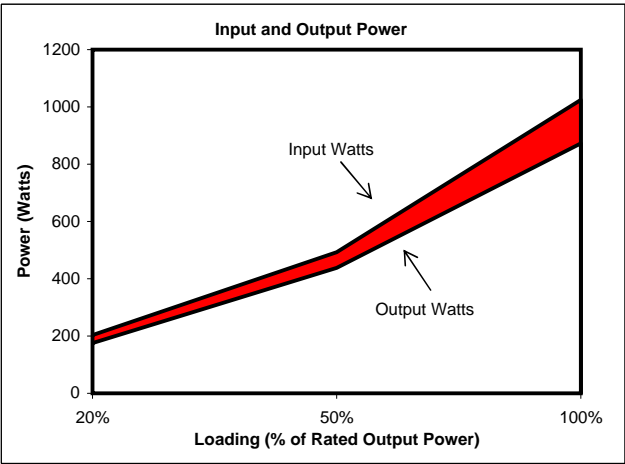
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.2-12.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	875	Watts

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



Input AC Current Waveform (ITHD = 2.76%, 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		
1.78	0.99	4.4%	20%	Light	204	11.9/11.2	12.1/0.1	3.3/4.2	5/4.5	5/0.7	175	85.88%
4.29	1.00	2.8%	50%	Typical	493	12/28.1	12/0.2	3.3/10.6	5/11.3	5/1.6	438	88.83%
8.91	1.00	2.8%	100%	Full	1024	12/56	12/0.4	3.3/20.9	5/22.5	5/3.3	873	85.20%



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.