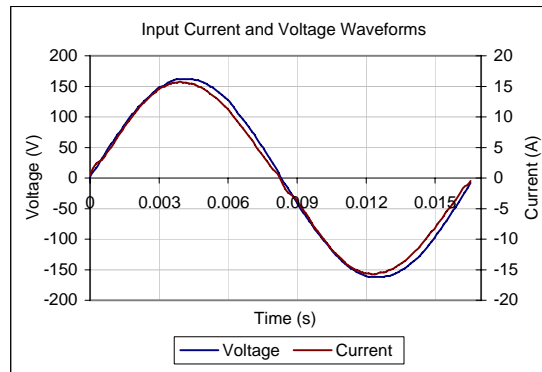


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.31%
AVERAGE EFFICIENCY :	87.37%
80 PLUS COMPLIANT:	YES



Ecos ID #	1124
Manufacturer	DELL
Model Number	H1100EF-00
Serial Number	N/A
Year	2008
Type	CUSTOM
Test Date	12/5/2008

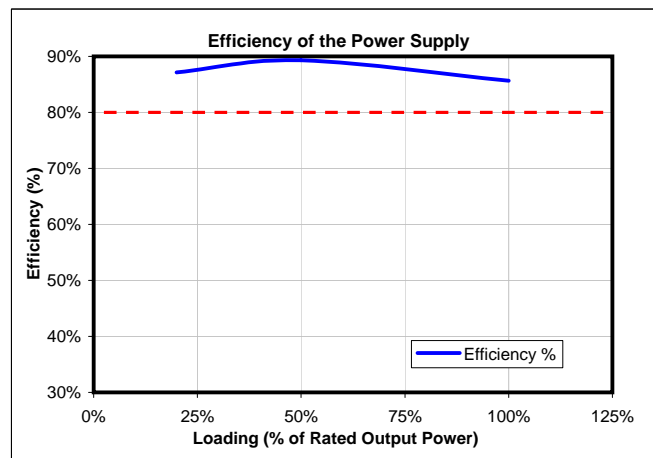
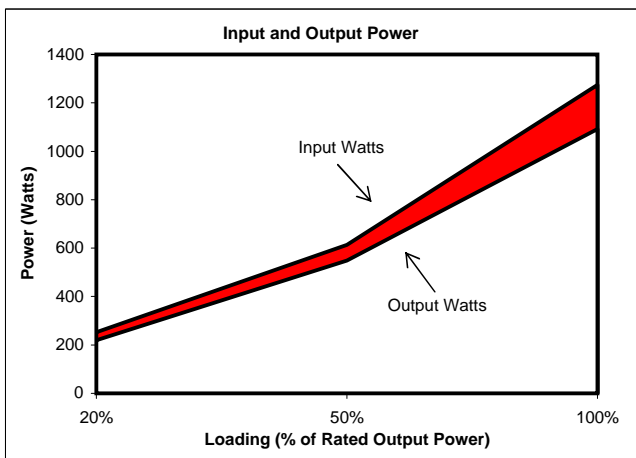


Input AC Current Waveform (ITHD = 3.55%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	14	Amps
Input Frequency	50-60	Hz
Rated Output Power	1100	Watts

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

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		
2.21	0.99	6.0%	20%	Light	253	12/14.7	12/0.1	3.3/4.6	5.1/4.9	5/0.7	220	87.12%
5.34	1.00	3.6%	50%	Typical	614	11.9/36.7	12/0.2	3.3/11.4	5/12.2	4.9/1.8	548	89.31%
11.09	1.00	3.2%	100%	Full	1274	11.9/73.4	12/0.4	3.4/22.7	5/24.3	4.9/3.5	1092	85.66%



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.