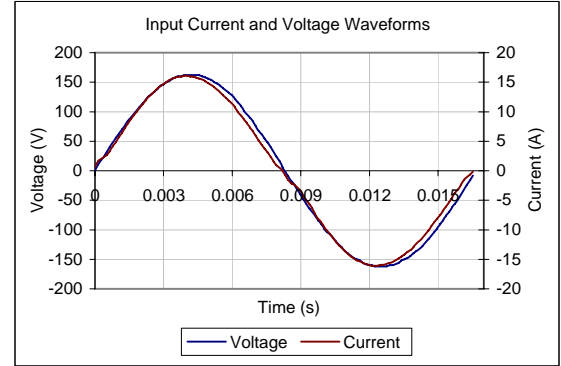


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	89.06%
AVERAGE EFFICIENCY :	87.15%
80 PLUS COMPLIANT:	YES

Ecos ID #	1068
Manufacturer	DELL
Model Number	N1100EF-00
Serial Number	NA
Year	2008
Type	CUSTOM
Test Date	11/3/2008

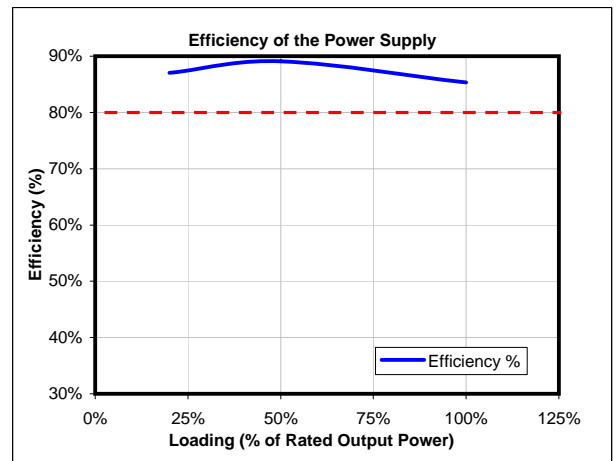
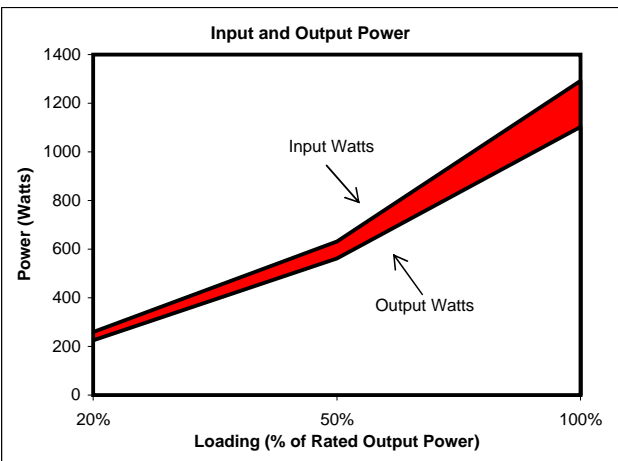


Input AC Current Waveform (ITHD = 5.31%, 50% Load)

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
2.28	0.98	7.2%	20%	Light	259	12.3/14.4	12.1/0.1	3.4/4.9	5.1/5.2	5.1/0.8	225	87.03%
5.51	1.00	5.3%	50%	Typical	632	12.3/36.1	12.1/0.2	3.4/12.3	5.1/13.1	5/1.9	562	89.06%
11.25	1.00	4.8%	100%	Full	1292	12.1/70.1	12.1/0.5	3.4/25.6	5.1/27.7	5/4	1103	85.35%



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.