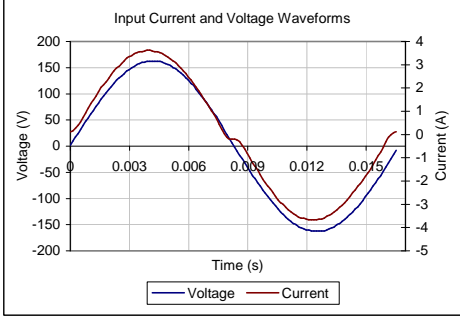


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.28%
AVERAGE EFFICIENCY :	88.72%
80 PLUS COMPLIANT:	YES



Ecos ID #	1516
Manufacturer	DELL
Model Number	9RD1W
Serial Number	N/A
Year	2009
Type	CUSTOM
Test Date	6/30/2009

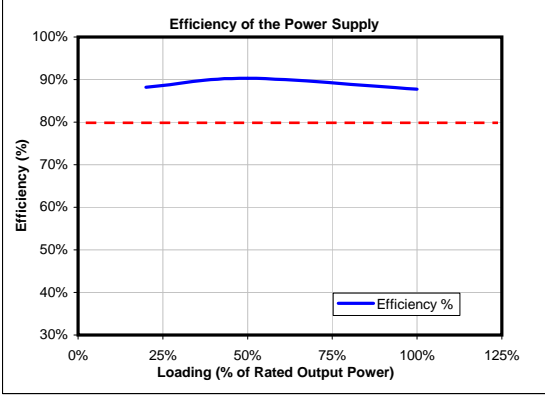
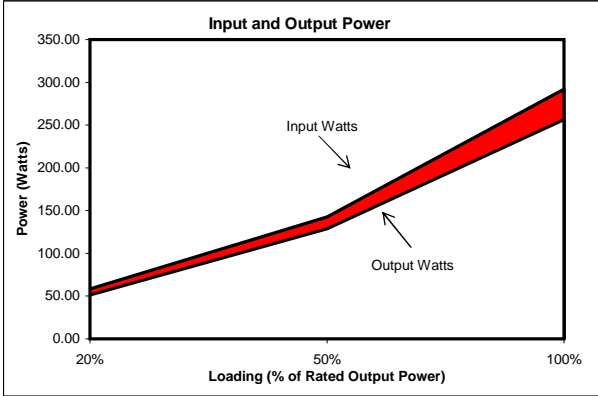


Input AC Current Waveform (ITHD = 10.41%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	255	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		
527.30	0.9610	18.46%	20%	Light	58.31	12.1/2.9	12/0.1	3.3/1	5.1/1.8	5/0.6	51.41	88.17%
1.25	0.9895	10.41%	50%	Typical	142.50	12.1/7.2	12.2/0.2	3.3/2.5	5/4.6	4.9/1.6	128.65	90.28%
2.57	0.9896	6.98%	100%	Full	292.10	12.1/14.4	12.6/0.4	3.2/4.9	5/9.2	4.9/3.1	256.24	87.72%



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.