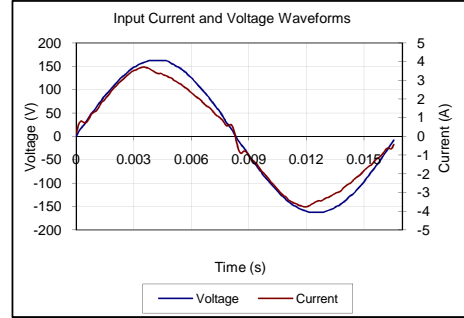


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.23%
AVERAGE EFFICIENCY :	86.49%
80 PLUS COMPLIANT:	YES



Ecos ID #	1376
Manufacturer	DELL, INC
Model Number	N255ED-00
Serial Number	N/A
Year	2009
Type	CFX
Test Date	4/6/2009

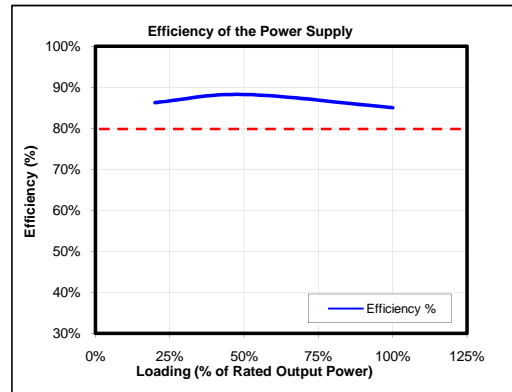
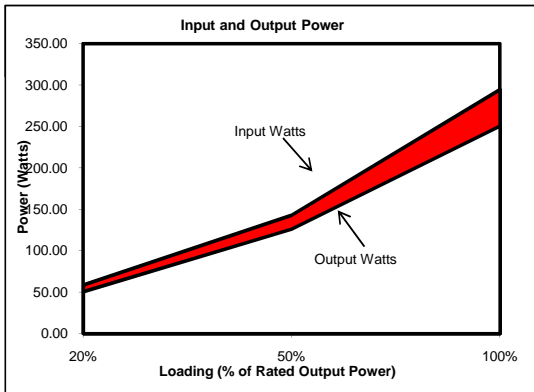


Input AC Current Waveform (ITHD = 10.16%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	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		
0.53	0.9616	13.52%	20%	Light	58.77	11.9/2.8	11.6/0.1	3.3/0.8	5/2.3	4.9/0.6	50.68	86.24%
1.26	0.9875	10.16%	50%	Typical	143.02	11.9/6.9	11.7/0.2	3.3/1.9	5/5.7	4.9/1.5	126.18	88.23%
2.58	0.9930	10.16%	100%	Full	294.67	11.8/13.8	12.1/0.4	3.2/3.8	4.9/11.4	4.8/3.1	250.49	85.01%



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.