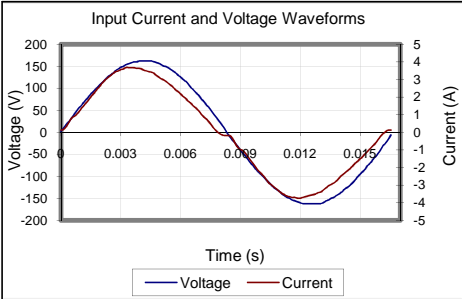


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.36%
AVERAGE EFFICIENCY :	88.77%
80 PLUS COMPLIANT:	YES



Ecos ID #	1695
Manufacturer	DELL
Model Number	D255ED-00
Serial Number	N/A
Year	2009
Type	CFX
Test Date	9/23/2009

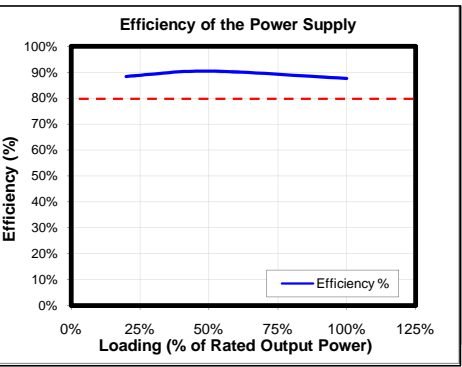
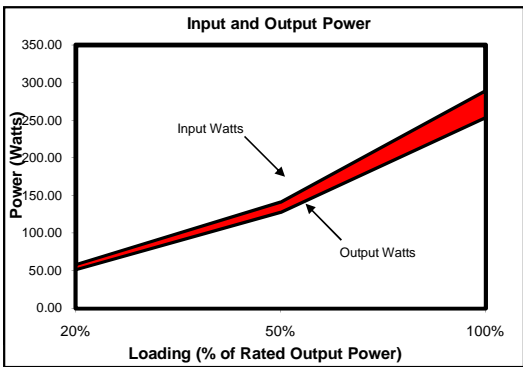


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	Amps
Input Frequency	50-60	Hz
Rated Output Power	255	Watts

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

Input AC Current Waveform (ITHD = 14.39%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)						
0.52	0.9672	15.55%	20%	Light	58.05	12.1/2.8						
1.25	0.9782	14.39%	50%	Typical	141.25	12.1/6.9					51.30	88.36%
2.55	0.9882	8.62%	100%	Full	289.40	12/13.8					253.44	87.57%



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.