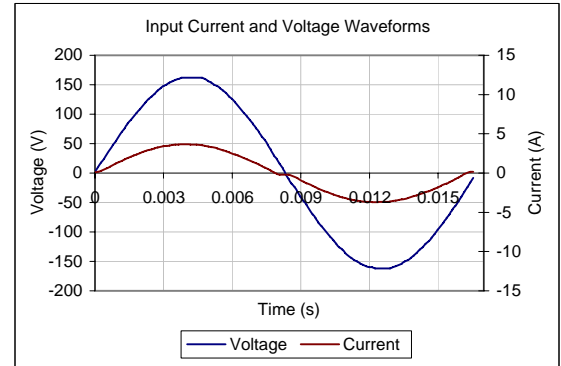


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	88.32%
AVERAGE EFFICIENCY :	86.59%
80 PLUS COMPLIANT:	YES

Ecos ID #	693.2
Manufacturer	DELL
Model Number	F255E-00
Serial Number	NA
Year	2008
Type	CUSTOM
Test Date	8/7/2008

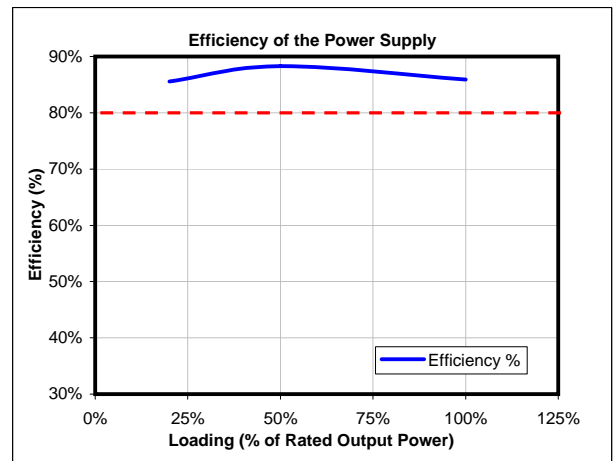
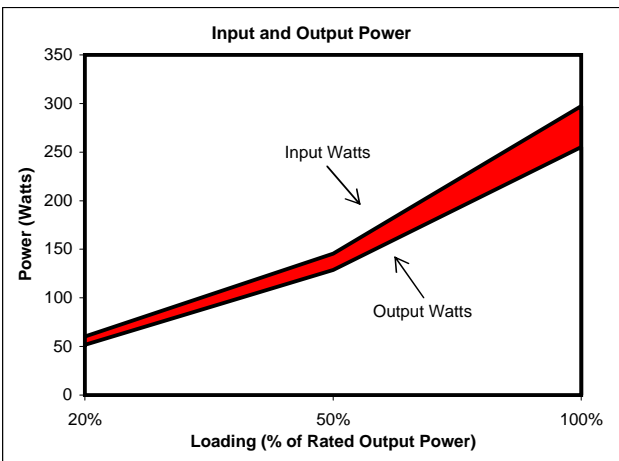


Input AC Current Waveform (ITHD = 9.67%, 50% Load)

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
0.54	0.96	18.1%	20%	Light	60	12.2/2.9	11.4/0.1	3.3/1	5.1/1.8	5/0.6	52	85.58%
1.28	0.99	9.7%	50%	Typical	146	12.1/7.2	11.6/0.2	3.3/2.5	5.1/4.6	4.9/1.6	129	88.32%
2.59	1.00	5.6%	100%	Full	297	12.1/14.4	12/0.4	3.2/4.9	5/9.2	4.8/3.1	255	85.88%



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.