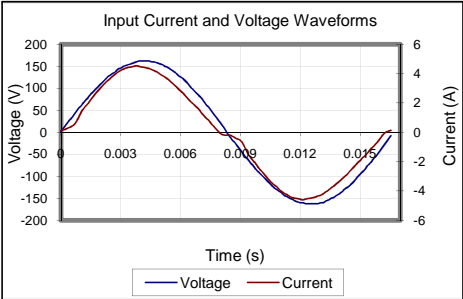


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.01%
AVERAGE EFFICIENCY :	86.72%
80 PLUS COMPLIANT:	YES



Ecos ID #	1697
Manufacturer	DELL
Model Number	D300ED-00
Serial Number	N/A
Year	2009
Type	CUSTOM CFX
Test Date	9/23/2009

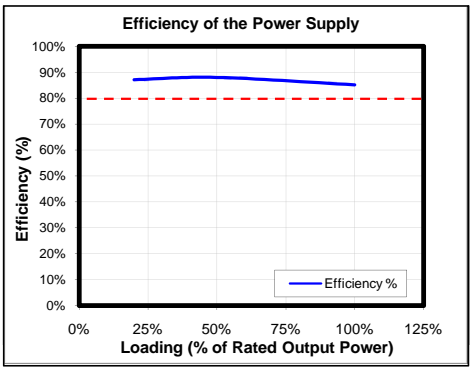
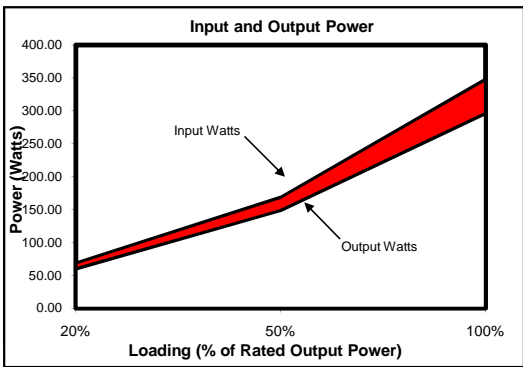


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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

Input AC Current Waveform (ITHD = 8.84%, 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.)	24.8V	-12V	3.3V	5V*	5Vaux		
0.61	0.9852	12.66%	20%	Light	68.83	11.9/2.9	25.2/0.4	11.4/0.1	3.3/0.9	5.1/2.4	5/0.7	59.97	87.12%
1.48	0.9907	8.84%	50%	Typical	168.88	11.8/7.3	25.1/1	11.4/0.2	3.3/2.2	5/5.9	5/1.8	148.62	88.01%
3.03	0.9982	5.65%	100%	Full	348.10	11.7/14.6	25.1/2.1	11.7/0.4	3.2/4.5	5/11.9	4.9/3.6	295.99	85.03%



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.