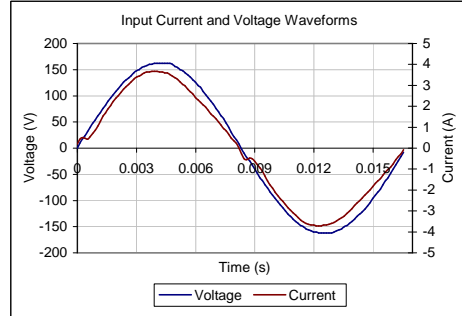


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.05%
AVERAGE EFFICIENCY :	87.15%
80 PLUS COMPLIANT:	YES



Ecos ID #	1504
Manufacturer	DELL
Model Number	L255EM-00
Serial Number	N/A
Year	2009
Type	CUSTOM
Test Date	6/29/2009

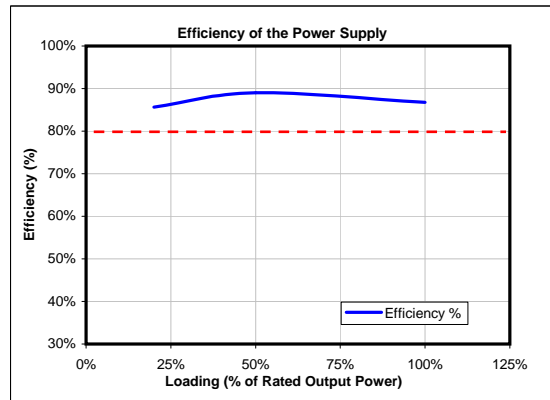
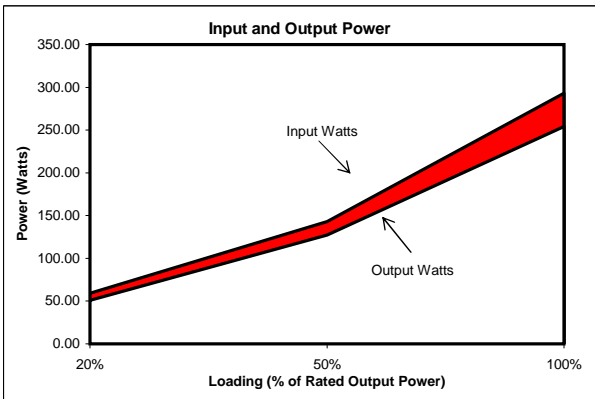


Input AC Current Waveform (ITHD = 11.5%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3.6	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 12VA, 12VB, etc.)	-12V	3.3V	5V*	5V(FP)		
0.53	0.9759	19.34%	20%	Light	59.32	11.9/2.9	11.3/0.1	3.3/1	5.1/1.8	5.1/0.6	50.80	85.64%
1.25	0.9922	11.50%	50%	Typical	143.13	11.9/7.2	11.4/0.2	3.3/2.5	5/4.6	5.1/1.6	127.46	89.05%
2.56	0.9964	7.02%	100%	Full	293.10	11.9/14.4	11.5/0.4	3.3/4.9	5/9.2	5.1/3.1	254.26	86.75%



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.