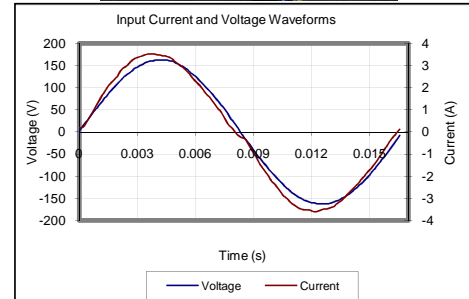


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.58%
AVERAGE EFFICIENCY :	89.03%
80 PLUS COMPLIANT:	YES



Ecos ID #	1579
Manufacturer	DELL
Model Number	L255EM-01
Serial Number	000000171
Year	2009
Type	CUSTOM
Test Date	8/11/2009

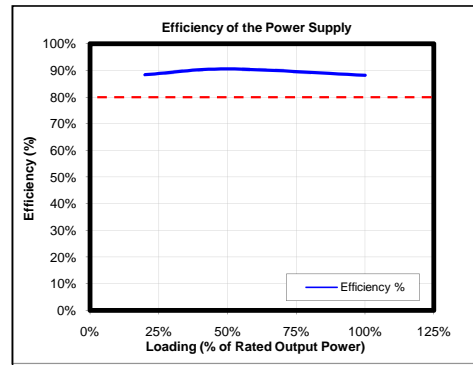
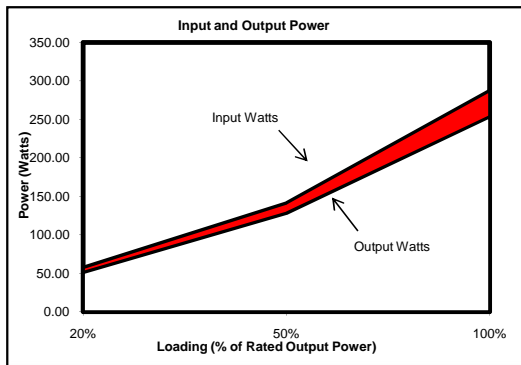


Input AC Current Waveform (ITHD = 9.5%, 50% Load)

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.

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.)						
0.53	0.9560	14.65%	20%	Light	58.15	12.2/2.9	12/0.1	3.3/1	5/1.8	4.9/0.6	51.38	88.36%
1.25	0.9857	9.50%	50%	Typical	141.72	12.2/7.2	11.9/0.2	3.3/2.5	5/4.6	4.9/1.6	128.37	90.58%
2.52	0.9941	4.89%	100%	Full	287.90	12.1/14.4	11.7/0.4	3.1/4.9	4.9/9.2	4.8/3.1	253.80	88.15%



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.