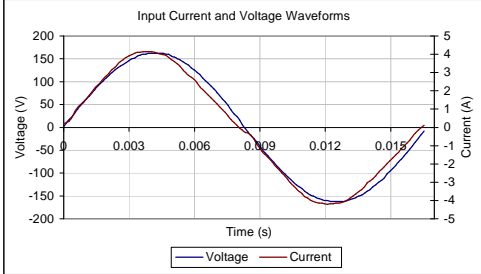


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.37%
AVERAGE EFFICIENCY :	86.67%
80 PLUS COMPLIANT:	YES



Ecos ID #	1513
Manufacturer	DELL
Model Number	L280E-01
Serial Number	00000155
Year	2009
Type	CUSTOM
Test Date	7/9/2009

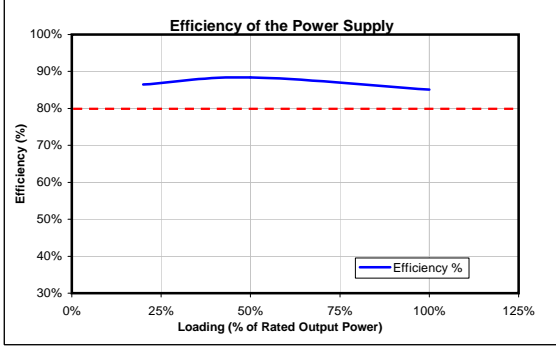
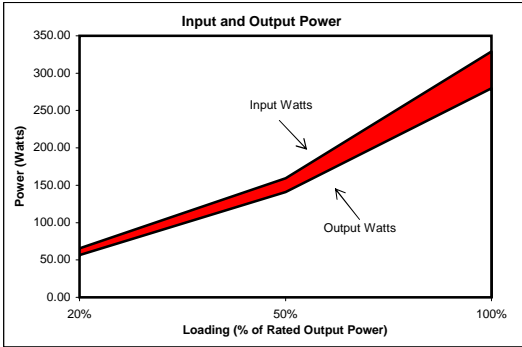


Input AC Current Waveform (ITHD = 9.08%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	280	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.)							
0.59	0.9668	14.54%	20%	Light	65.59	12.2/3.1	12/0.1	3.3/0.9	5/2.5	4.9/0.6	24/0.4	56.74	86.51%
1.40	0.9886	9.08%	50%	Typical	159.54	12.2/7.6	12/0.2	3.2/2.4	4.9/6.3	4.9/1.4	24/1.0	140.99	88.37%
2.89	0.9935	6.84%	100%	Full	328.90	12.2/15.3	12/0.4	3.1/4.7	4.9/12.6	4.7/2.8	24/2.1	279.93	85.11%



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.