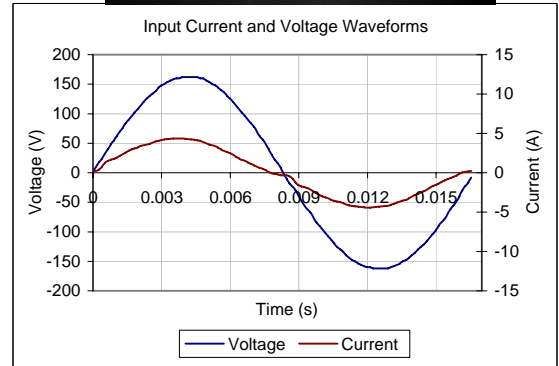


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load): 84.66%
AVERAGE EFFICIENCY : 82.82%
80 PLUS COMPLIANT: YES



Ecos ID #	898
Manufacturer	DELL
Model Number	L280E-00
Serial Number	00165879
Year	2008
Type	CUSTOM
Test Date	9/17/2008

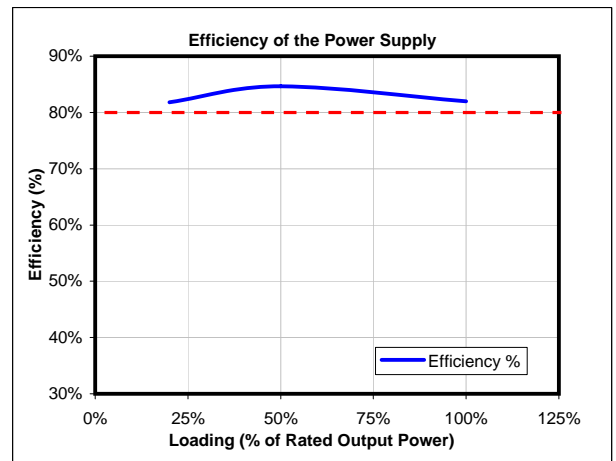
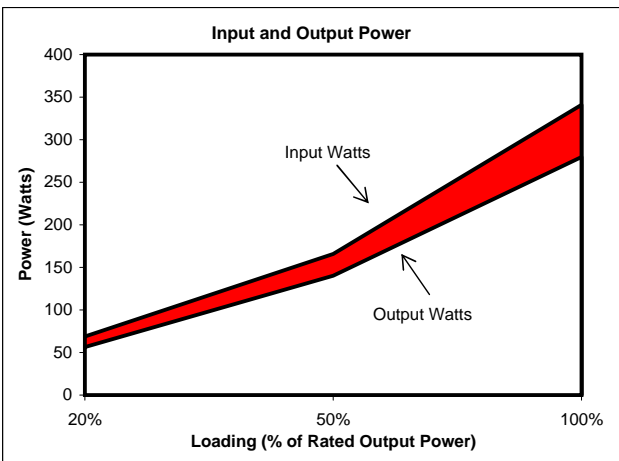


Input AC Current Waveform (ITHD = 13.79%, 50% Load)

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.)	-12V	3.3V	5V*			5VSB
0.61	0.98	8.9%	20%	Light	69	12.1/2.8	11.9/0.1	3.3/1.7	5/2.6	5/0.7	56	81.78%
1.48	0.97	13.8%	50%	Typical	166	12.1/6.9	12/0.2	3.3/4.3	5/6.4	5/1.7	140	84.66%
3.01	0.99	7.8%	100%	Full	341	12.1/13.8	12.2/0.4	3.3/8.6	5/12.8	5/3.4	280	82.00%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

