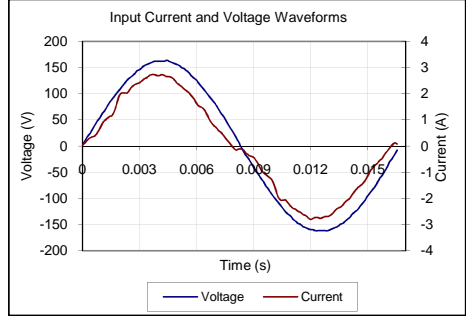


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.88%
AVERAGE EFFICIENCY :	89.43%
80 PLUS COMPLIANT:	YES



Ecos ID #	1578
Manufacturer	DELL
Model Number	L180EU-00
Serial Number	N/A
Year	2009
Type	CUSTOM
Test Date	7/9/2009

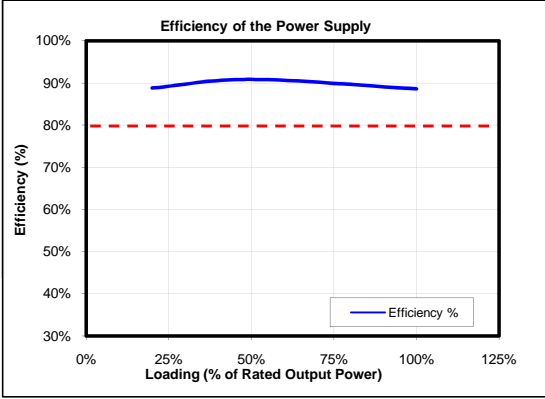
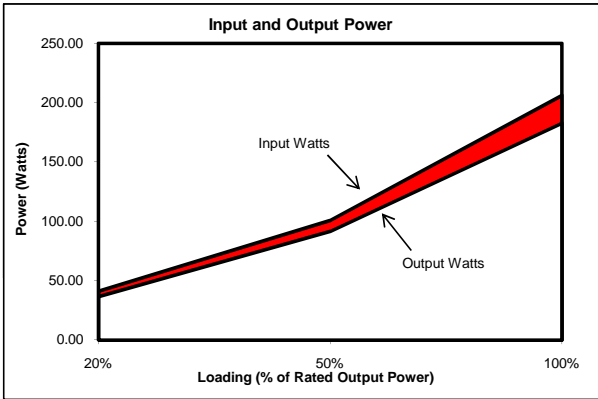


Input AC Current Waveform (ITHD = 5.96%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	2.6	Amps
Input Frequency	50-60	Hz
Rated Output Power	180	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		
0.37	0.9563	10.93%	20%	Light	41.21	12.2/3	11.7/0	36.60	88.81%
0.88	0.9912	5.96%	50%	Typical	100.84	12.2/7.5	11.7/0	91.64	90.88%
1.80	0.9971	5.34%	100%	Full	206.34	12.2/14.9	11.8/0.1	182.84	88.61%



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/>

