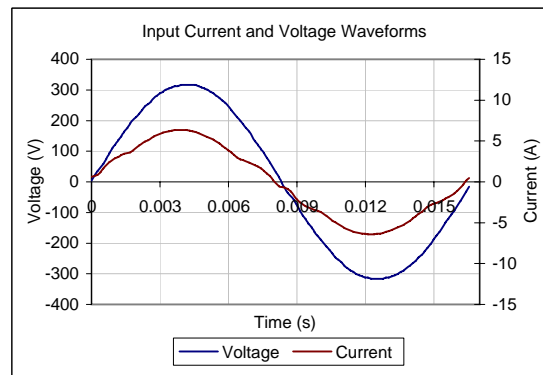


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.30%
AVERAGE EFFICIENCY :	90.09%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-11
Manufacturer	DELL
Model Number	A870P-00
Serial Number	N/A
Year	2008
Type	2U CUSTOM
Test Date	10/1/2008



Input AC Current Waveform (ITHD = 7.95%, 100% Load)

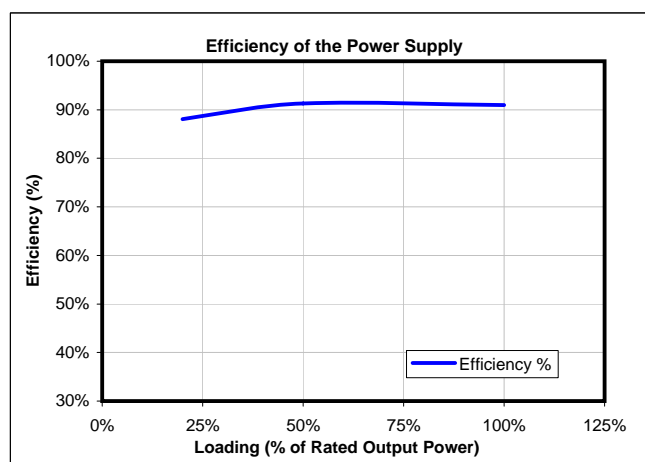
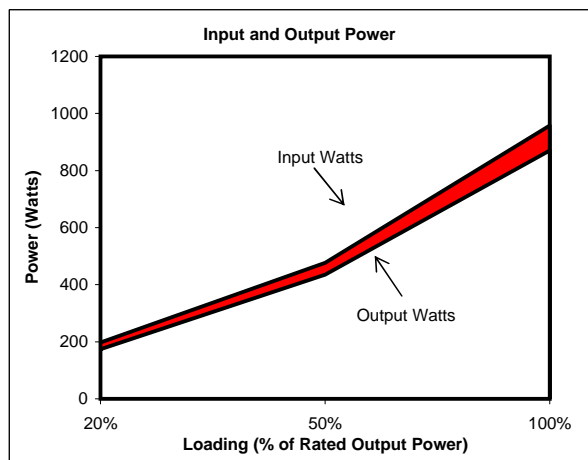
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	870	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)**	DC Terminal Voltage (V)/ DC Load Current (A)			Output Watts	Efficiency %
							12V	12VSB			
0.71	0.66	89.00	*10%	Low	107	0.36	12.01/7.1	11.48/0.15		87	81.00%
0.97	0.89	38.25	20%	Light	198	0.36	12.01/14.21	11.44/0.3		174	88.04%
2.12	0.98	11.80	50%	Typical	477	0.48	12.01/35.57	11.39/0.75		436	91.30%
4.20	0.99	7.95	100%	Full	957	3.27	12/71.15	11.28/1.51		871	90.94%

* 10% load results are for informative purposes only and not included in certification requirements.

** Fan power is not included in the efficiency calculations.



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/>

