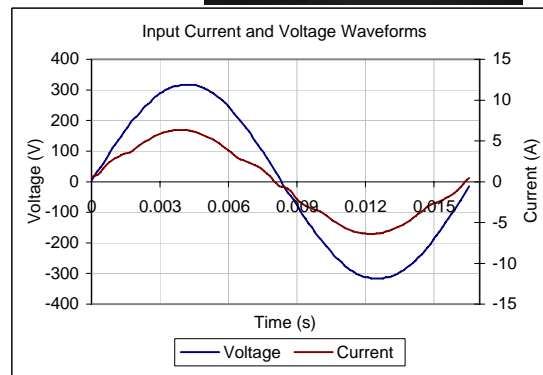


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.28%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>88.87%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	SO-017
<b>Manufacturer</b>	DELL
<b>Model Number</b>	7001333-J000
<b>Serial Number</b>	N/A
<b>Year</b>	2008
<b>Type</b>	3U CUSTOM
<b>Test Date</b>	10/2/2008



Input AC Current Waveform (ITHD = 8.95%, 100% Load)

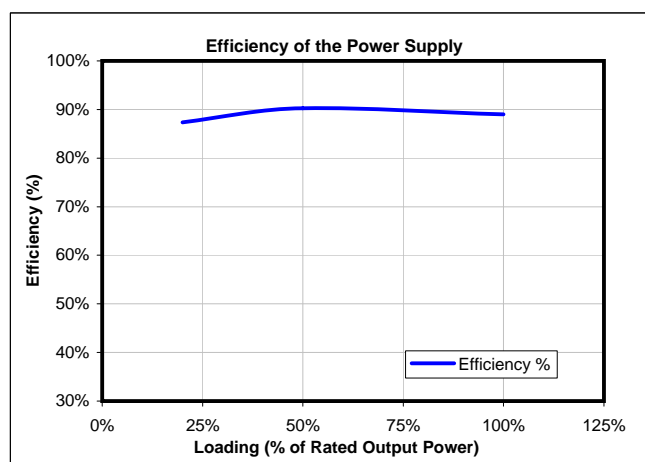
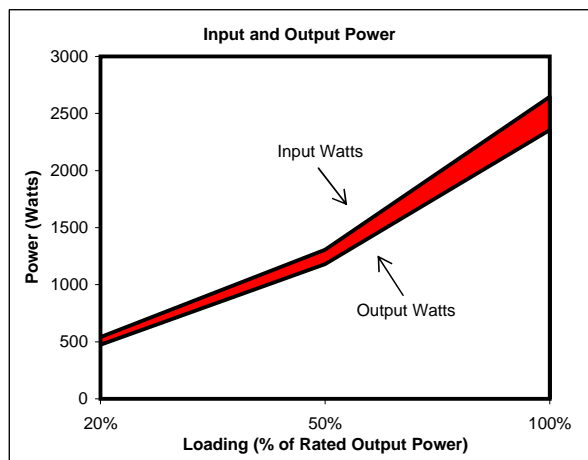
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	14	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>2360</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)**	DC Terminal Voltage (V)/ DC Load Current (A)			Output Watts	Efficiency %
							12V	12VSB			
1.33	0.95	17.50	*10%	Low	291	0.84	11.99/19.31	11.99/0.39		236	81.23%
2.33	0.97	19.95	20%	Light	541	0.84	11.99/38.63	11.96/0.78		472	87.34%
5.77	0.98	15.32	50%	Typical	1308	1.92	11.98/96.6	11.87/1.97		1180	90.28%
11.58	0.99	8.95	100%	Full	2647	8.52	11.96/193.15	11.69/3.92		2356	89.00%

\* 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/>

