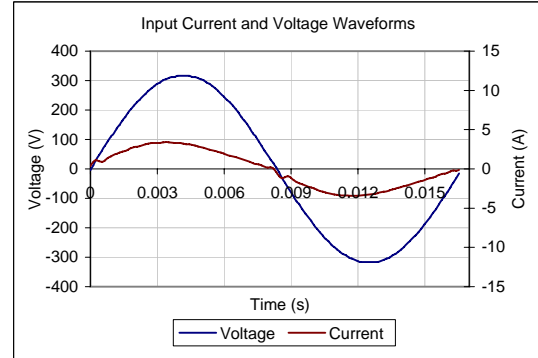


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.14%
AVERAGE EFFICIENCY :	90.67%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-30
Manufacturer	DELL
Model Number	A502P-00
Serial Number	N/A
Year	2008
Type	CUSTOM
Test Date	10/21/2008



Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7.0-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	502	Watts

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

Input AC Current Waveform (ITHD = 7.57%, 100% Load)

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		
0.43	0.62	60.50	*10%	Low	62	9.68	12.09/3.91	11.44/0.29	51	81.59%
0.60	0.83	22.30	20%	Light	114	9.68	12.08/7.8	11.38/0.58	101	88.42%
1.26	0.94	11.68	50%	Typical	273	9.68	12.07/19.51	11.27/1.46	252	92.14%
2.43	0.98	7.57	100%	Full	550	9.68	12.06/39	11.13/2.92	503	91.46%

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

** Fan power is not included in the efficiency calculations

