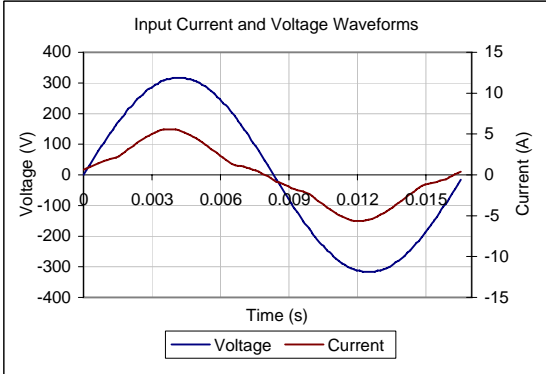


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.69%
AVERAGE EFFICIENCY :	88.97%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-18
Manufacturer	DELL
Model Number	7001423-J000
Serial Number	N/A
Year	2008
Type	2U CUSTOM
Test Date	9/24/2008



Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

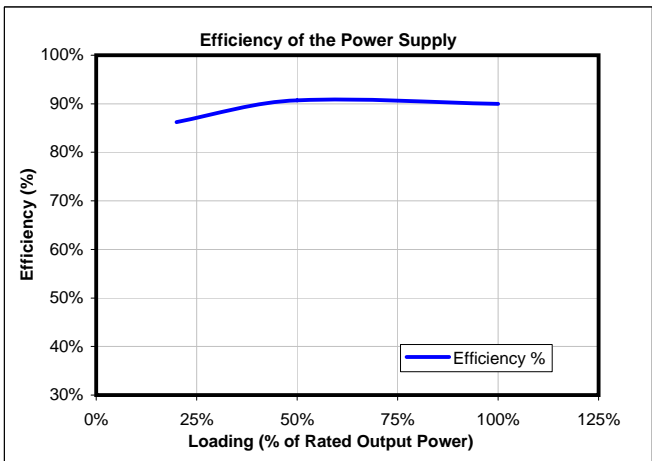
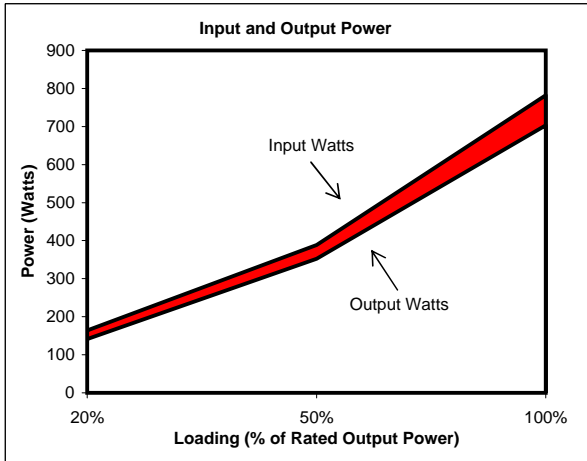
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 17.94%, 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	3.3 VSB		
0.51	0.78	15.03	*10%	Low	91	10.08	12.04/5.78	3.39/0.37	71	77.40%
0.79	0.90	17.17	20%	Light	164	10.08	12.04/11.52	3.38/0.75	141	86.25%
1.77	0.96	22.15	50%	Typical	389	10.32	12.03/28.77	3.35/1.88	352	90.69%
3.48	0.98	17.94	100%	Full	782	10.32	12.02/57.49	3.29/3.75	703	89.97%

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

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



Tested by Electric Power Research Institute, Knoxville, TN.

