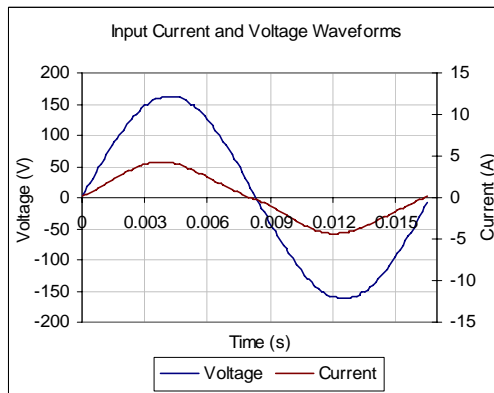


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	85.08%
AVERAGE EFFICIENCY :	83.02%
80 PLUS COMPLIANT:	YES

Ecos ID #	171
Manufacturer	DELL
Model Number	JK930
Serial Number	TB6420200190
Year	2007
Type	Custom
Test Date	2/14/2007

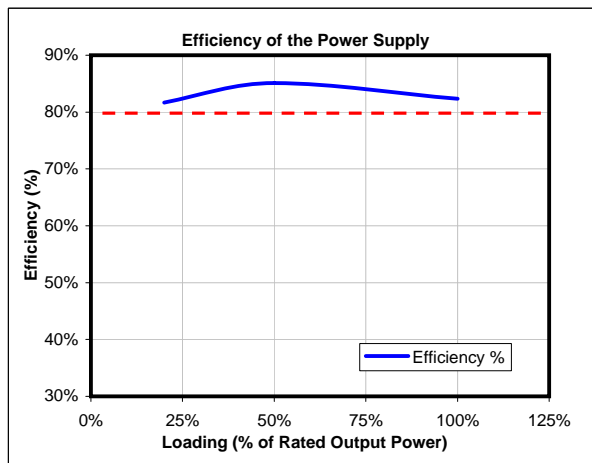
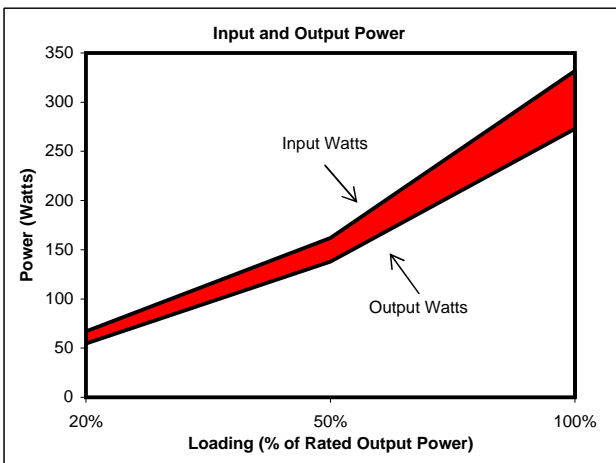


Input AC Current Waveform (ITHD = 8.8%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50/60	Hz
Rated Output Power	280	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			-12V	3.3V			5V*	5VSB
0.59	0.98	5.0%	20%	Light	67	11.9/2.8			12.2/0	3.3/1.7	5/2.6	4.9/0.7	55	81.65%
1.42	0.99	8.8%	50%	Typical	162	11.9/6.9			11.5/0.2	3.3/4.3	4.9/6.4	4.9/1.7	138	85.08%
2.91	0.99	9.3%	100%	Full	332	11.9/13.8			11.8/0.4	3.2/8.6	4.8/12.9	4.7/3.4	273	82.32%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.