

80 PLUS Verification and Testing Report

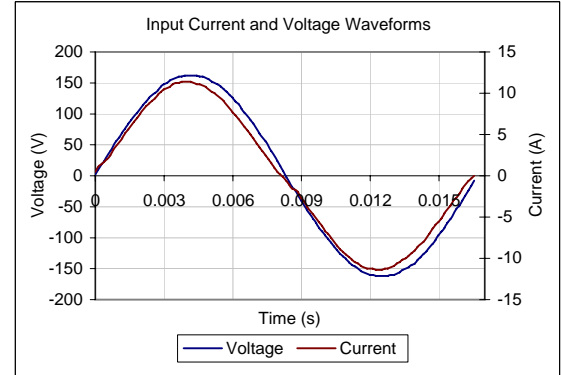


TYPICAL EFFICIENCY (50% Load):	84.33%
AVERAGE EFFICIENCY :	82.23%
80 PLUS COMPLIANT:	YES

Ecos ID #	259
Manufacturer	DELL
Model Number	JK933
Serial Number	NA
Year	2007
Type	Custom
Test Date	6/26/2007

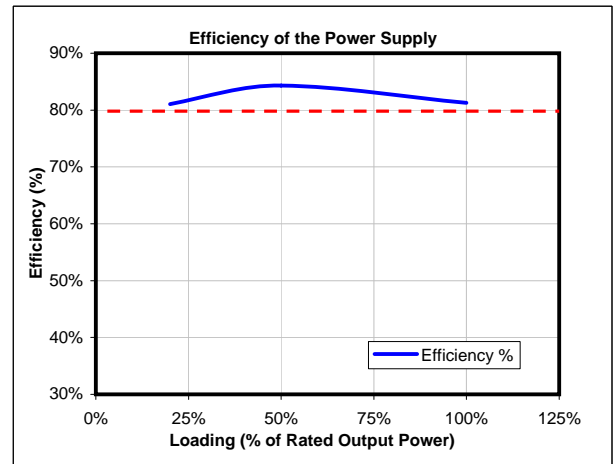
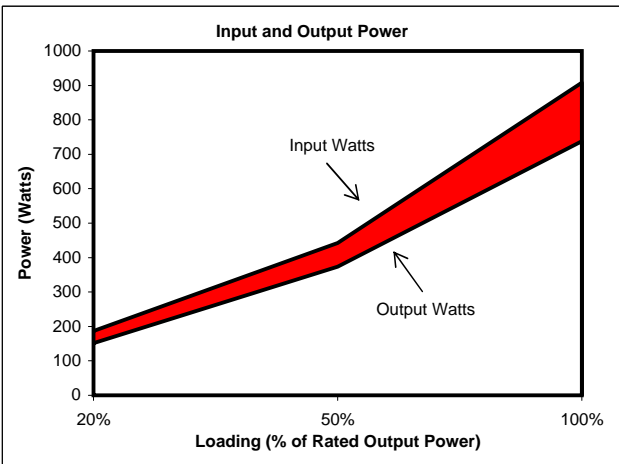
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 5.46%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
1.66	0.98	11.6%	20%	Light	187	12.1/10.1	12/0	3.3/4.3	5/2.3	5.1/0.5	151	81.07%
3.87	1.00	5.5%	50%	Typical	443	11.9/25.3	12.1/0.1	3.3/10.8	5/5.8	5/1.3	373	84.33%
7.91	1.00	5.4%	100%	Full	908	11.8/50.5	12.1/0.2	3.3/21.6	5/11.6	4.9/2.6	738	81.29%



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.