

80 PLUS Verification and Testing Report

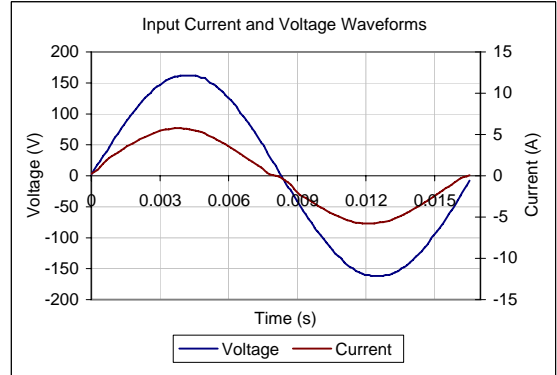


TYPICAL EFFICIENCY (50% Load):	83.66%
AVERAGE EFFICIENCY :	81.81%
80 PLUS COMPLIANT:	YES

Ecos ID #	278
Manufacturer	DELL
Model Number	JP931
Serial Number	00000608
Year	2007
Type	Custom
Test Date	6/22/2007

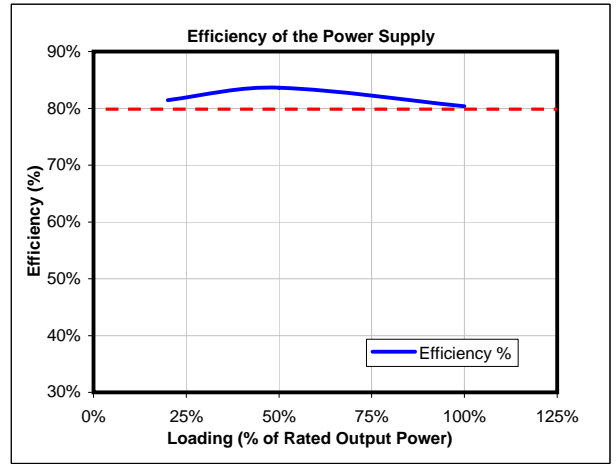
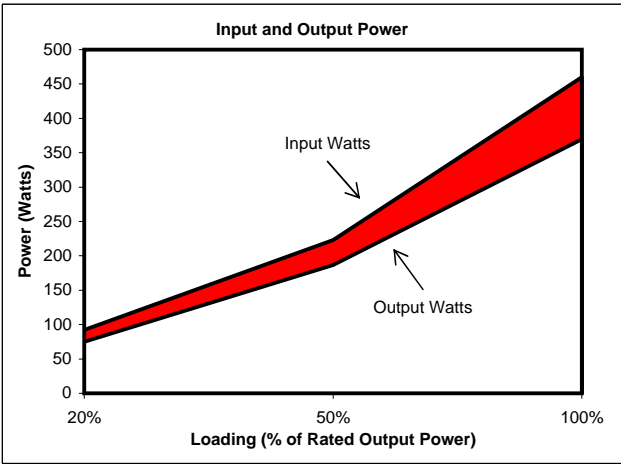
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50-60	Hz
Rated Output Power	375	Watts

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



Input AC Current Waveform (ITHD = 9.79%, 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		
0.82	0.98	11.5%	20%	Light	92	12/4.2	11.8/0.1	3.3/2.1	5/2.7	5/0.6	75	81.43%
1.99	0.98	9.8%	50%	Typical	223	12/10.4	11.8/0.3	3.2/5.3	4.9/6.9	4.9/1.4	187	83.66%
4.03	0.99	5.2%	100%	Full	460	11.9/20.8	11.9/0.7	3.1/10.6	4.9/13.7	4.8/2.8	370	80.34%



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/>

