

80 PLUS Verification and Testing Report

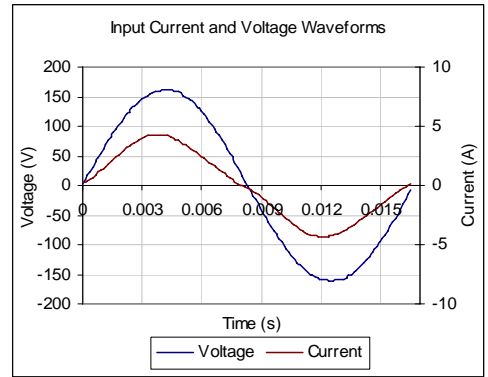
TYPICAL EFFICIENCY (50% Load): 85.95%
AVERAGE EFFICIENCY : 83.96%
80 PLUS COMPLIANT: YES



Ecos ID #	174
Manufacturer	DELL
Model Number	JW067
Serial Number	TB6490100025
Year	2007
Type	Custom
Test Date	2/15/2007

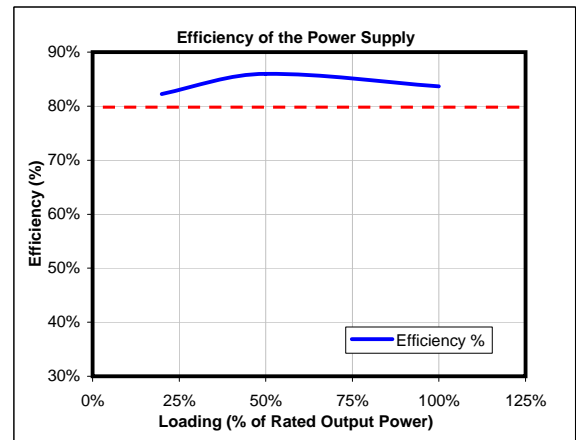
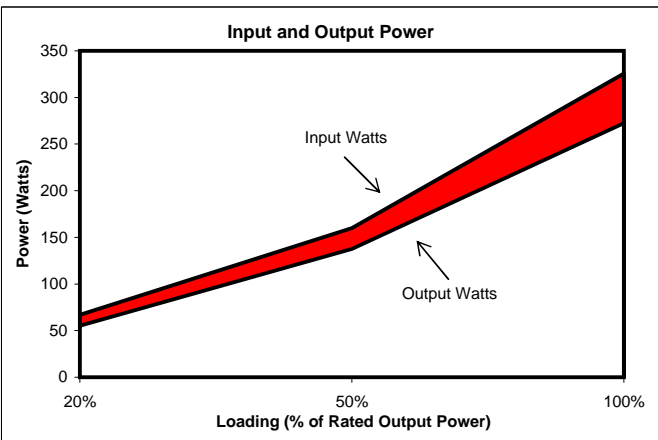
Rated Specifications	Value	Units
Input Voltage	100-120/200-240	Volts
Input Current	5/3	Amps
Input Frequency	50/60	Hz
Rated Output Power	275	Watts

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



Input AC Current Waveform (ITHD = 9.88%, 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	-12V	3.3V	5V*			5VSB
0.60	0.97	6.7%	20%	Light	67	12/2.8	11.5/0.1	3.3/0.8	5.1/2.9	5/0.7	55	82.25%
1.41	0.98	9.9%	50%	Typical	160	12/7	11.6/0.2	3.3/2	5/7.3	5/1.6	137	85.95%
2.86	0.99	10.4%	100%	Full	326	12/13.8	11.9/0.4	3.2/4.1	4.9/14.6	4.9/3.3	273	83.67%



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.