

80 PLUS Verification and Testing Report

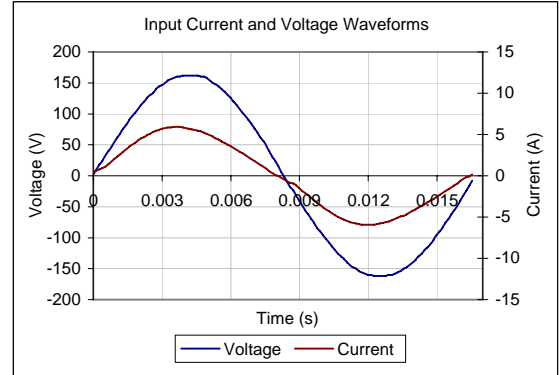


TYPICAL EFFICIENCY (50% Load):	83.68%
AVERAGE EFFICIENCY :	81.73%
80 PLUS COMPLIANT:	YES

Ecos ID #	277
Manufacturer	DELL
Model Number	UP173
Serial Number	NA
Year	2007
Type	Custom
Test Date	6/22/2007

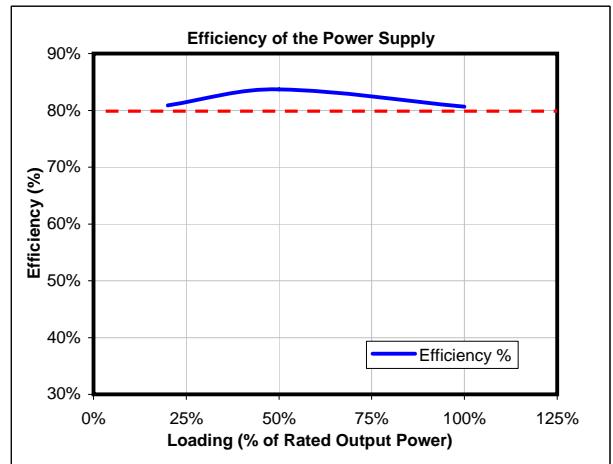
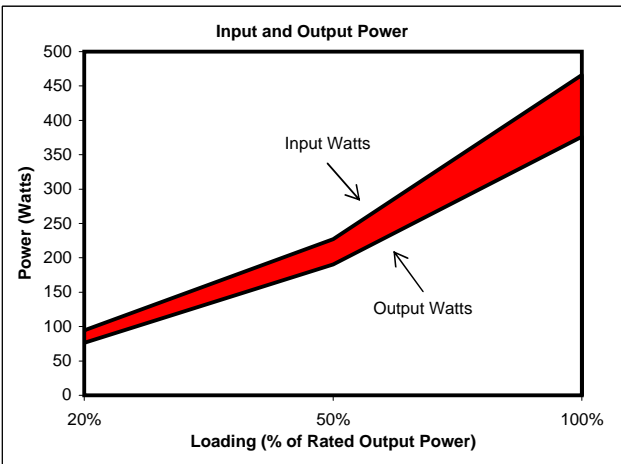
Rated Specifications	Value	Units
Input Voltage	100-120	Volts
Input Current	7	Amps
Input Frequency	50-60	Hz
Rated Output Power	375	Watts

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



Input AC Current Waveform (ITHD = 6.33%, 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		
0.85	0.70	7.8%	20%	Light	95	12.3/4.2	11.9/0.1	3.3/2.1	5.1/2.7	5.1/0.6	77	80.85%
2.00	0.99	6.3%	50%	Typical	227	12.2/10.4	12/0.3	3.3/5.3	5/6.9	5/1.4	190	83.68%
4.08	0.99	6.9%	100%	Full	466	12.1/20.8	12/0.7	3.2/10.6	5/13.7	4.9/2.8	376	80.67%



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.