

80 PLUS Verification and Testing Report

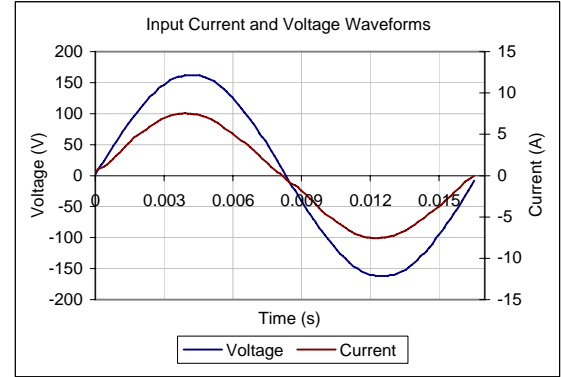


TYPICAL EFFICIENCY (50% Load):	88.88%
AVERAGE EFFICIENCY :	87.11%
80 PLUS COMPLIANT:	YES

Ecos ID #	915
Manufacturer	DELL
Model Number	H525EF-00
Serial Number	NA
Year	2008
Type	CUSTOM
Test Date	9/20/2008

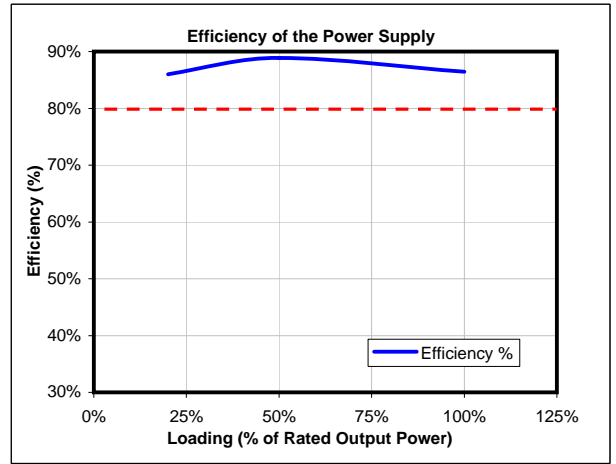
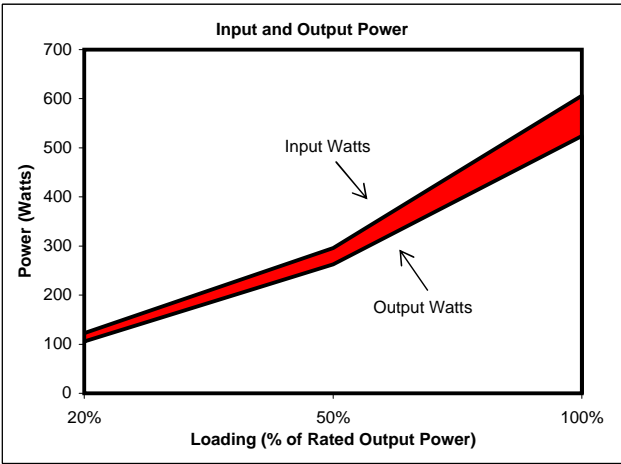
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7.2-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	525	Watts

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



Input AC Current Waveform (ITHD = 5.4%, 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		
1.08	0.98	6.9%	20%	Light	123	12.1/6.5	12.1/0.1	3.3/2.8	5/2.8	4.9/0.6	106	86.00%
2.58	1.00	5.4%	50%	Typical	296	12/16.2	12/0.2	3.3/7	5/7	4.9/1.6	263	88.88%
5.28	1.00	4.6%	100%	Full	606	12/32.4	11.9/0.4	3.3/14	5/14	4.9/3.1	524	86.44%



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/>

