

80 PLUS Verification and Testing Report

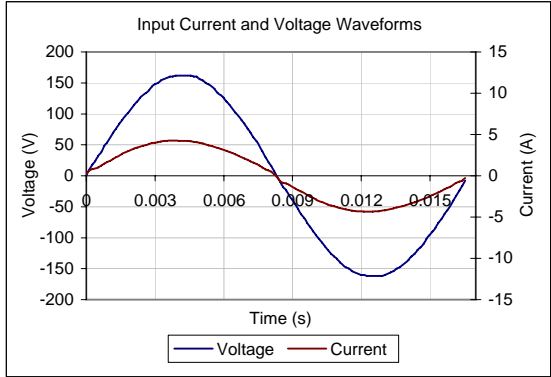
TYPICAL EFFICIENCY (50% Load):	85.18%
AVERAGE EFFICIENCY :	83.17%
80 PLUS COMPLIANT:	YES



Ecos ID #	281
Manufacturer	DELL
Model Number	H309P
Serial Number	NA
Year	2007
Type	Custom
Test Date	6/27/2007

Rated Specifications	Value	Units
Input Voltage	100-120	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	305	Watts

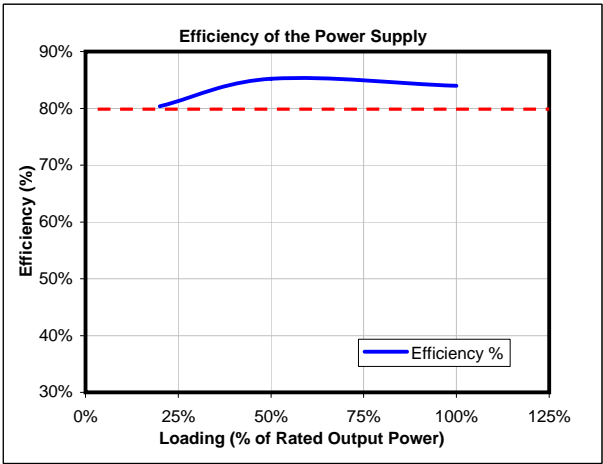
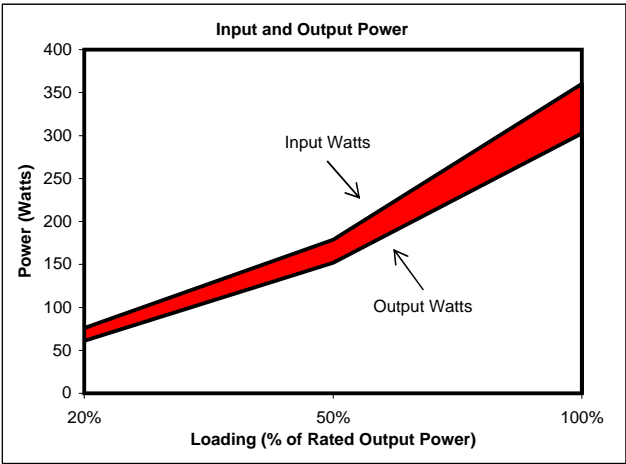
Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.44%, 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		
0.67	0.98	4.9%	20%	Light	76	11.9/3	11.6/0.2	3.3/2.1	5.1/2.7	5/0.4	61	80.35%
1.56	0.99	3.4%	50%	Typical	179	11.9/7.5	11.7/0.5	3.3/5.2	5.1/6.8	5/1	152	85.18%
3.14	1.00	3.5%	100%	Full	360	11.9/15.1	12.1/1	3.3/10.5	5/13.6	4.9/2	302	83.97%

These tests



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/>

