

80 PLUS Verification and Testing Report

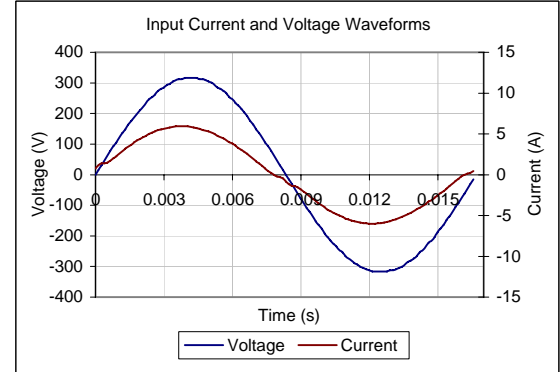
TYPICAL EFFICIENCY (50% Load):	91.50%
AVERAGE EFFICIENCY :	89.89%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-13
Manufacturer	DELL
Model Number	NPS-885AB A
Serial Number	N/A
Year	2008
Type	2U CUSTOM
Test Date	10/1/2008

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	870	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

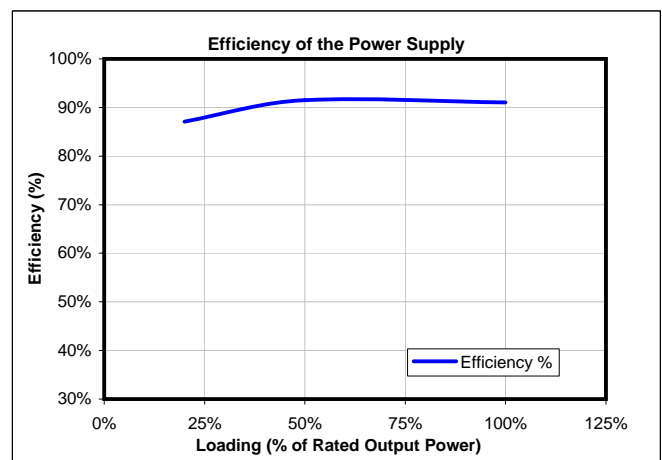
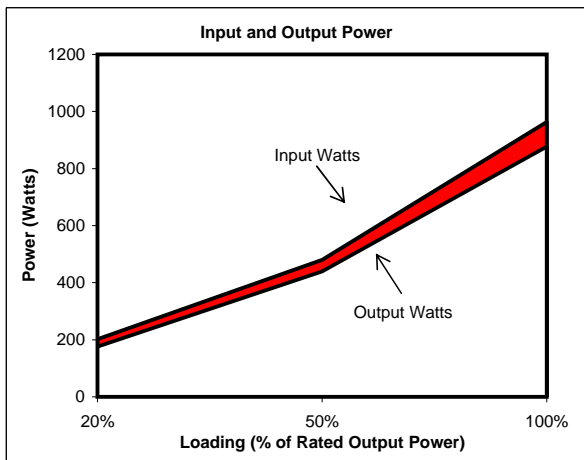


Input AC Current Waveform (ITHD = 4.91%, 100% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)**	DC Terminal Voltage (V)/ DC Load Current (A)			Output Watts	Efficiency %
							12V	12VSB			
0.69	0.71	19.40	*10%	Low	113	0.50	12.11/7.11	11.9/0.15		88	77.70%
1.01	0.87	14.70	20%	Light	202	0.50	12.1/14.22	11.91/0.3		176	87.12%
2.16	0.97	10.20	50%	Typical	480	0.63	12.09/35.58	11.9/0.75		439	91.50%
4.23	0.99	4.91	100%	Full	963	3.40	12.08/71.14	11.9/1.51		877	91.05%

* 10% load results are for informative purposes only and not included in certification requirements.

** Fan power is not included in the efficiency calculations.



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/>

