

80 PLUS Verification and Testing Report

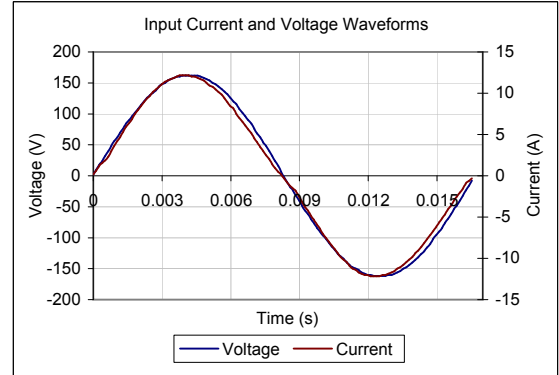


TYPICAL EFFICIENCY (50% Load):	85.03%
AVERAGE EFFICIENCY :	83.43%
80 PLUS COMPLIANT:	YES

Ecos ID #	345
Manufacturer	HP
Model Number	DPS-800LB A
Serial Number	BGYD0721000274
Year	2007
Type	ATX
Test Date	8/20/2007

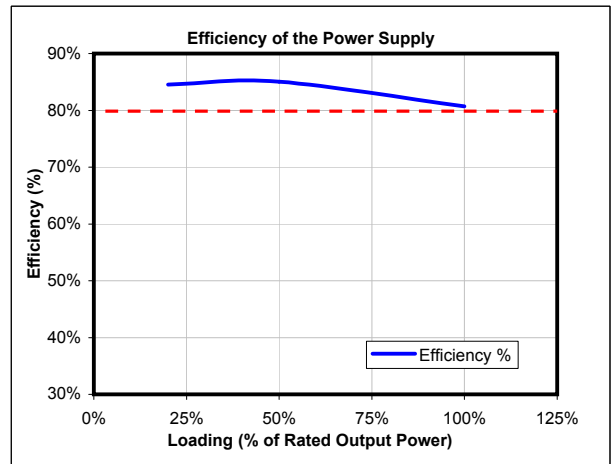
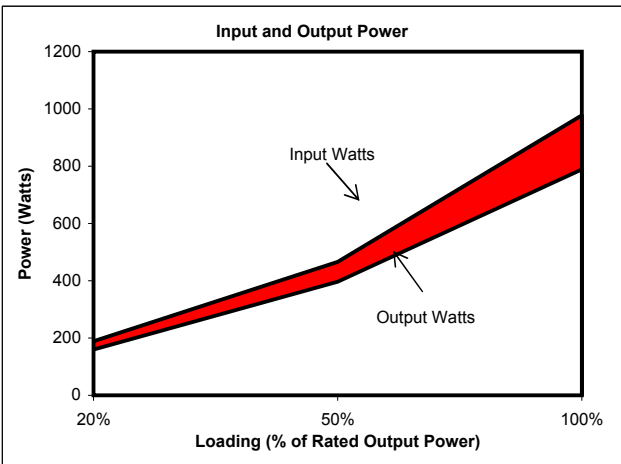
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13.2	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 6.87%, 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		
1.66	0.99	11.0%	20%	Light	189	12/11	12.1/0	3.3/3.3	5/2.9	5/0.5	160	84.55%
4.06	1.00	6.9%	50%	Typical	466	11.9/27.4	12.1/0.1	3.3/8.2	4.9/7.4	5/1.3	396	85.03%
8.51	1.00	6.1%	100%	Full	977	11.8/54.9	12.2/0.1	3.2/16.4	5/14.8	4.9/2.6	789	80.71%



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.