

# 80 PLUS Verification and Testing Report

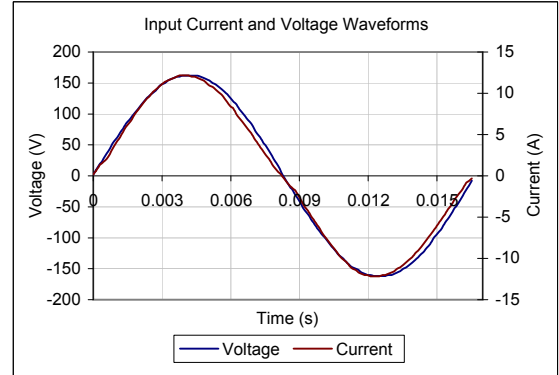


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.03%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>83.43%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

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

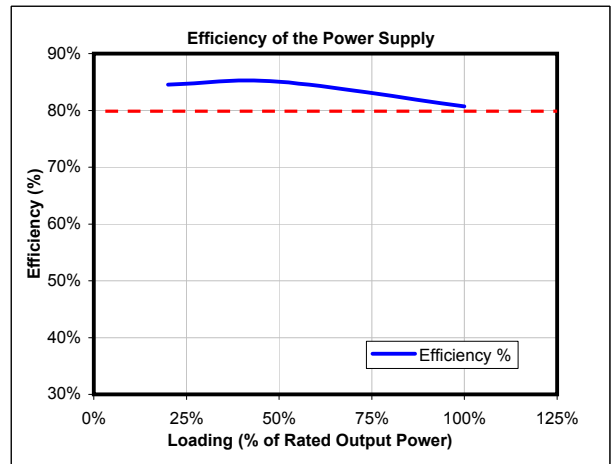
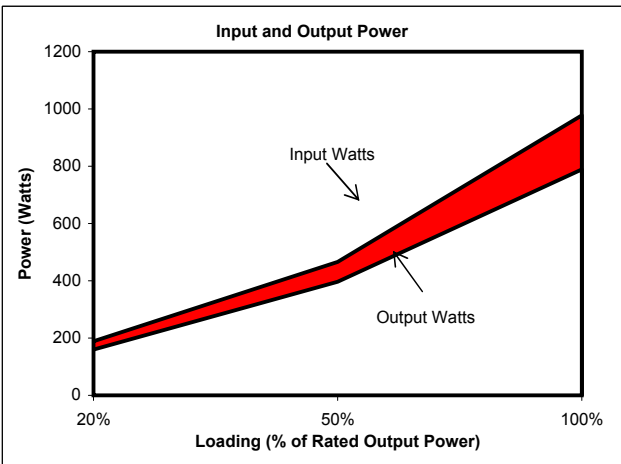
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13.2	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>800</b>	<b>Watts</b>

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 <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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 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/>

