

# 80 PLUS Verification and Testing Report

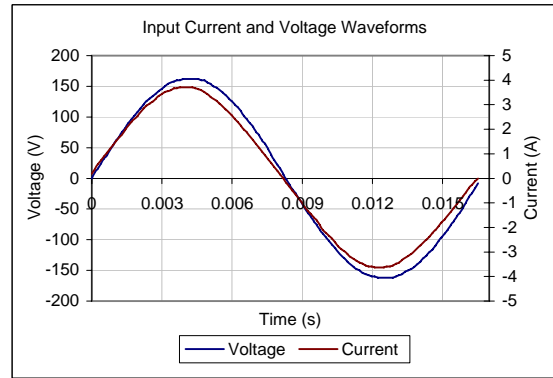


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.27%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>81.74%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	332
<b>Manufacturer</b>	HP
<b>Model Number</b>	DPS-240MB-1A
<b>Serial Number</b>	NA
<b>Year</b>	2007
<b>Type</b>	CUSTOM
<b>Test Date</b>	8/13/2007

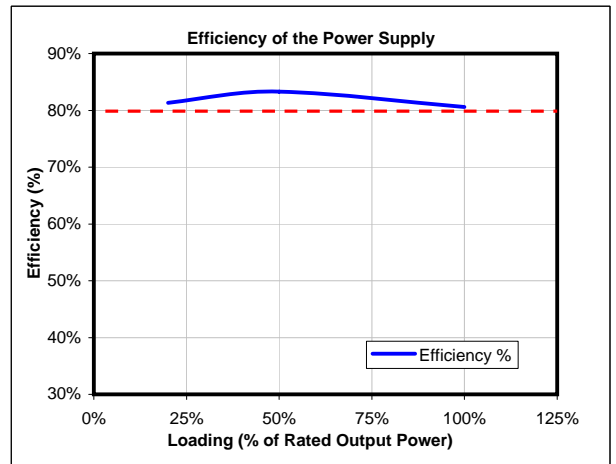
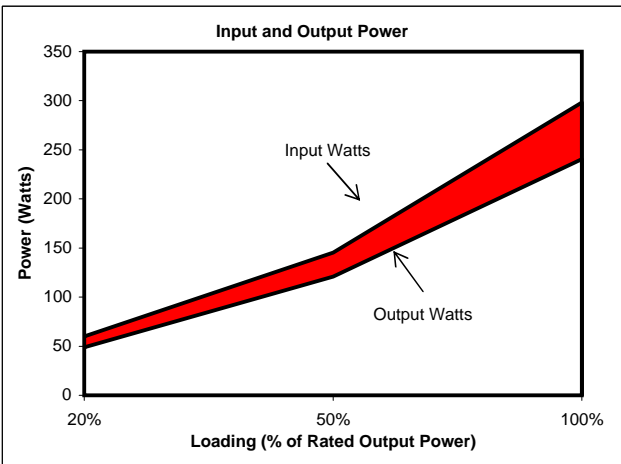
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>240</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 4.29%, 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		
0.53	0.98	5.8%	20%	Light	60	12.2/2.4	12/0	3.3/1.9	5.1/2.1	5.1/0.4	49	81.32%
1.27	0.99	4.3%	50%	Typical	145	12.1/6	12/0	3.3/4.7	5/5.4	5/0.9	121	83.27%
2.60	1.00	2.9%	100%	Full	298	12.1/12.1	12.1/0.1	3.2/9.5	4.9/10.7	4.9/1.9	240	80.61%



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.