

80 PLUS Verification and Testing Report

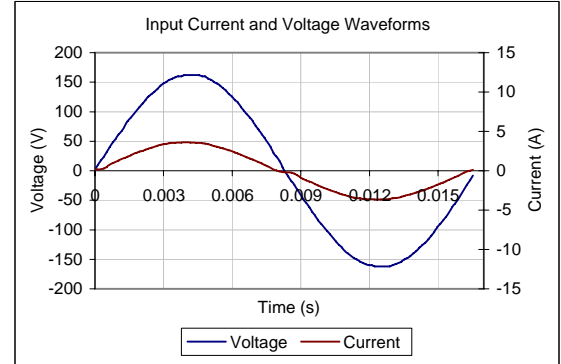


TYPICAL EFFICIENCY (50% Load):	86.14%
AVERAGE EFFICIENCY :	84.44%
80 PLUS COMPLIANT:	YES

Ecos ID #	759.1
Manufacturer	HEWLETT PACKARD
Model Number	DPS-240MB-3A
Serial Number	5ABDP0A4DW6059
Year	2008
Type	CUSTOM
Test Date	9/25/2008

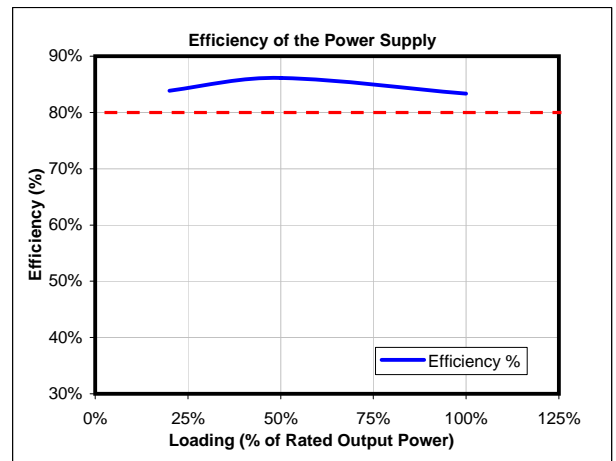
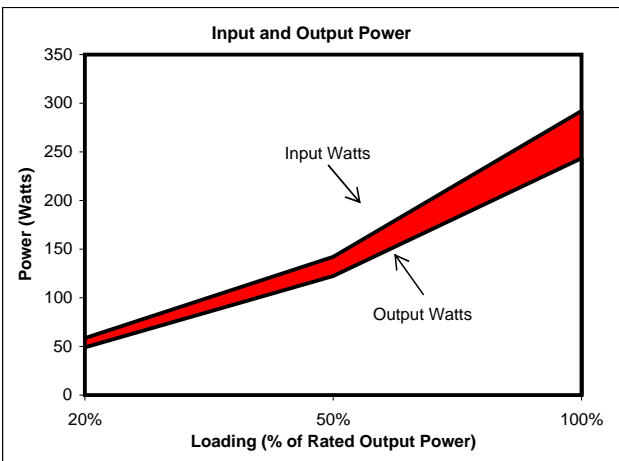
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	240	Watts

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



Input AC Current Waveform (ITHD = 10.7%, 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		
0.52	0.97	19.4%	20%	Light	58	12.3/2.4	12.1/0	3.4/1.9	5.1/2.1	5.1/0.4	49	83.85%
1.25	0.99	10.7%	50%	Typical	142	12.2/6	12.1/0	3.4/4.7	5.1/5.4	5.1/0.9	122	86.14%
2.55	1.00	6.0%	100%	Full	292	12.2/12.1	12.1/0.1	3.3/9.5	5.1/10.7	5.1/1.9	243	83.33%



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.

