

80 PLUS Verification and Testing Report

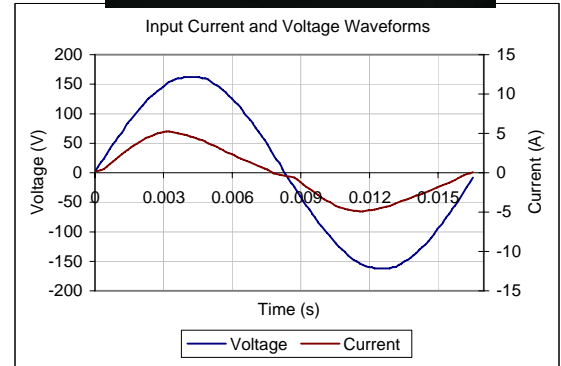


TYPICAL EFFICIENCY (50% Load): 84.13%
AVERAGE EFFICIENCY : 82.30%
80 PLUS COMPLIANT: YES

Ecos ID #	757.1
Manufacturer	HEWLETT PACKARD
Model Number	DPS-300AB-20D
Serial Number	469348-001
Year	2008
Type	CUSTOM
Test Date	9/25/2008

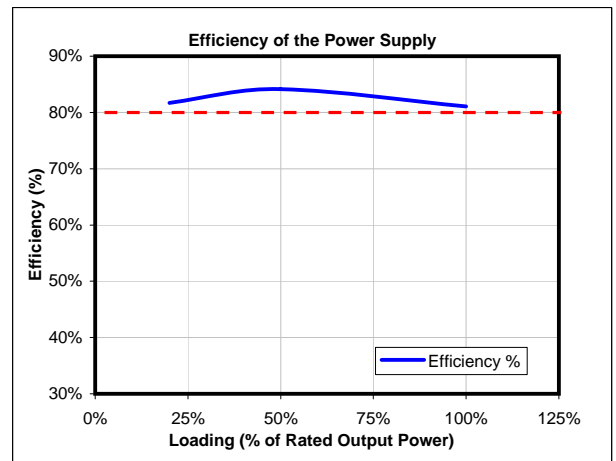
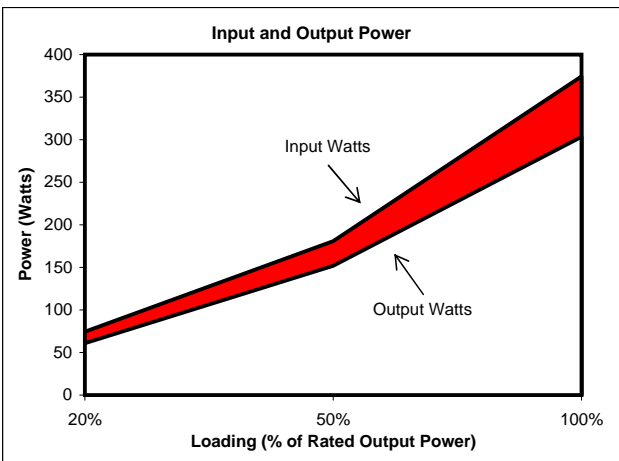
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 15.66%, 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		
0.67	0.97	16.4%	20%	Light	75	12.1/3.2	12/0	3.4/2.2	5.2/2.6	5.1/0.3	61	81.70%
1.62	0.97	15.7%	50%	Typical	181	12.1/7.9	12/0	3.3/5.6	5.1/6.6	5.1/0.7	152	84.13%
3.33	0.98	13.3%	100%	Full	374	12.2/15.8	12.1/0.1	3.3/11.1	5.1/13.2	5/1.4	304	81.07%



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.