

80 PLUS Verification and Testing Report

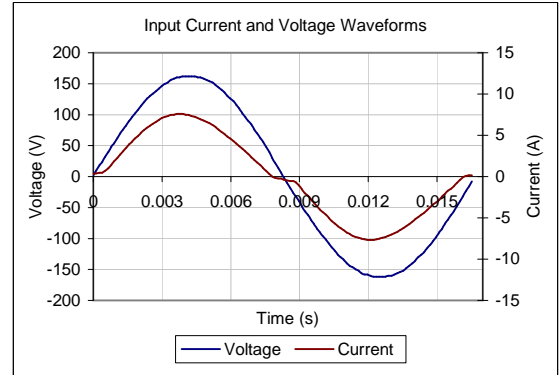


TYPICAL EFFICIENCY (50% Load):	85.29%
AVERAGE EFFICIENCY :	83.47%
80 PLUS COMPLIANT:	YES

Ecos ID #	255
Manufacturer	HP
Model Number	DPS 475CBA
Serial Number	NA
Year	2007
Type	Custom
Test Date	6/19/2007

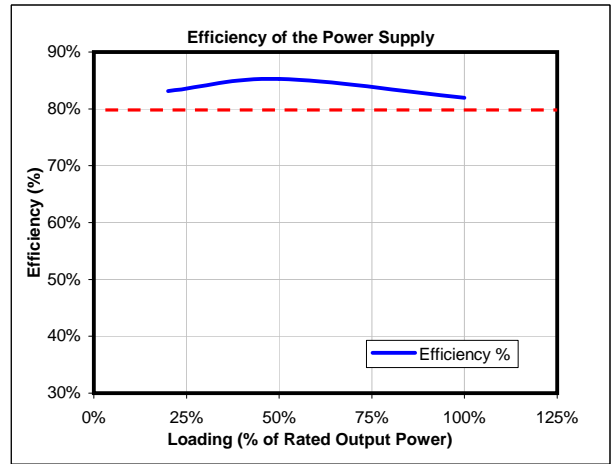
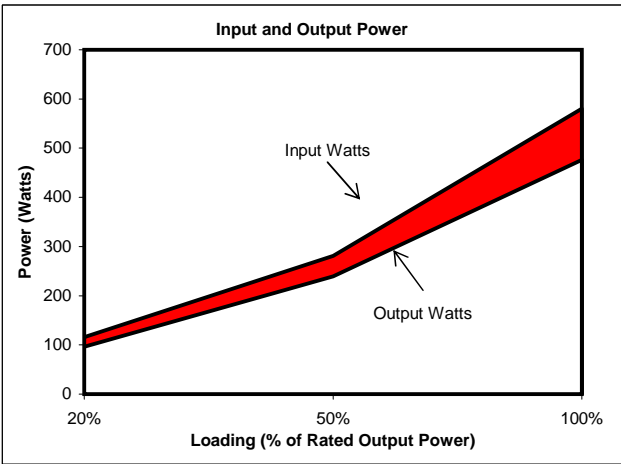
Rated Specifications	Value	Units
Input Voltage	100-127	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	475	Watts

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



Input AC Current Waveform (ITHD = 16.16%, 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		
1.04	0.96	24.7%	20%	Light	116	12.2/6.1	12/0	3.3/1.9	5.1/2.6	5/0.4	96	83.16%
2.48	0.98	16.2%	50%	Typical	281	12.1/15.2	12.1/0.1	3.3/4.7	5/6.6	5/1	240	85.29%
5.10	0.99	11.9%	100%	Full	581	12/30.4	12.1/0.3	3.3/9.4	5.1/13.2	4.9/2	476	81.98%



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.