

# 80 PLUS Verification and Testing Report

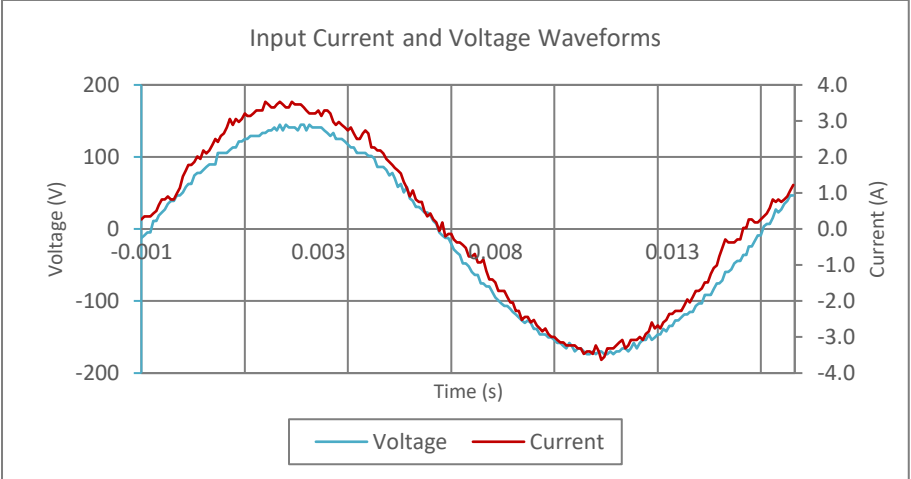
TYPICAL EFFICIENCY (50% Load):	91.45%
AVERAGE EFFICIENCY :	90.30%
80 PLUS COMPLIANT:	YES



ID Number	5808
Manufacturer	HP, Inc.
Model Number	DPS-500AB-51
Serial Number	N/A
Year	2019
Type	OTHER
Test Date	12/6/19

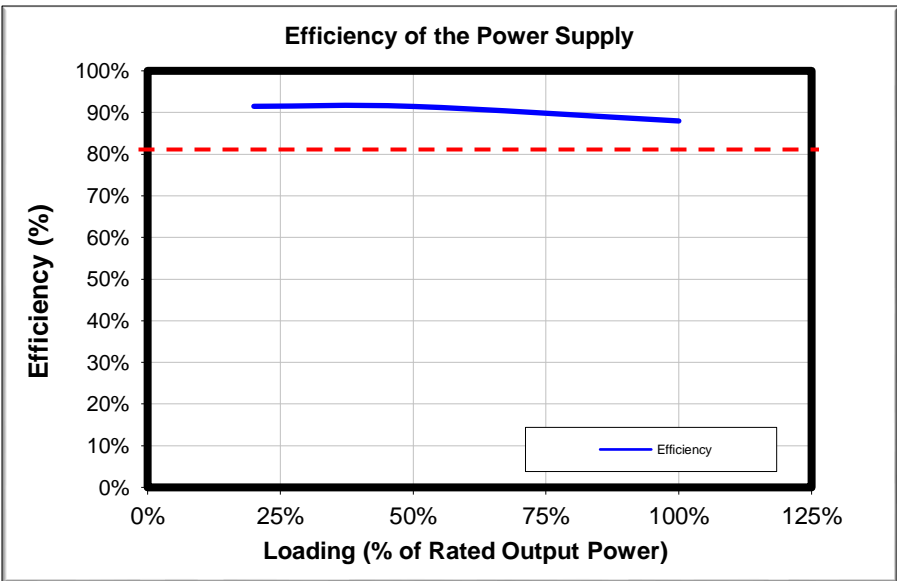
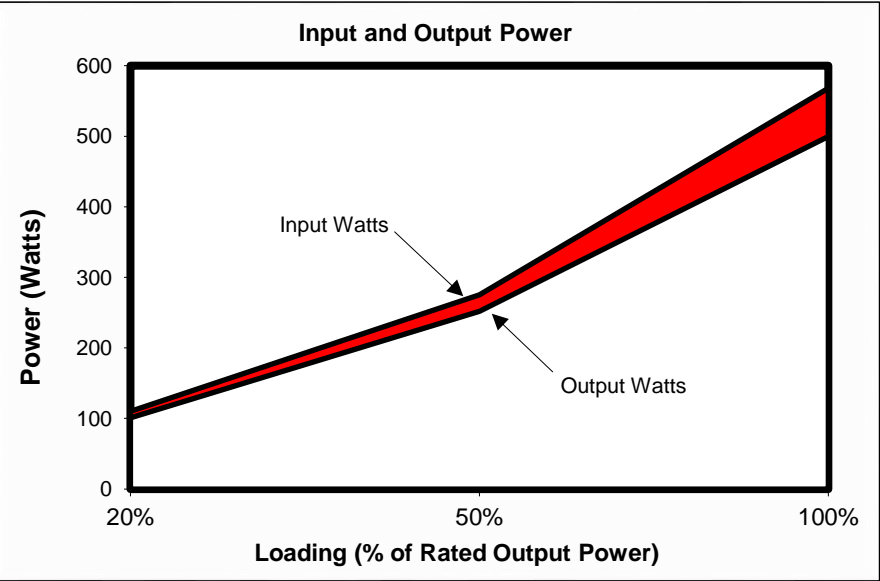
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 4.36%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)			Output Watts	Efficiency
					12.1VMAIN	12.1VCPU 1 & 2	12.1VG 1 & 2		
0.55	0.89	12.20%	10%	56.11	12.2/1.05	12.2/1.64	12.2/1.44	50.53	90.06%
1.04	0.92	6.90%	20%	110.51	12.19/2.12	12.19/3.29	12.19/2.89	101.10	91.48%
2.40	1.00	4.36%	50%	275.40	12.13/5.29	12.13/8.25	12.13/7.22	251.86	91.45%
4.95	1.00	2.93%	100%	568.00	12.04/10.59	12.04/16.5	12.04/14.43	499.63	87.96%



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/>

