

# 80 PLUS Verification and Testing Report

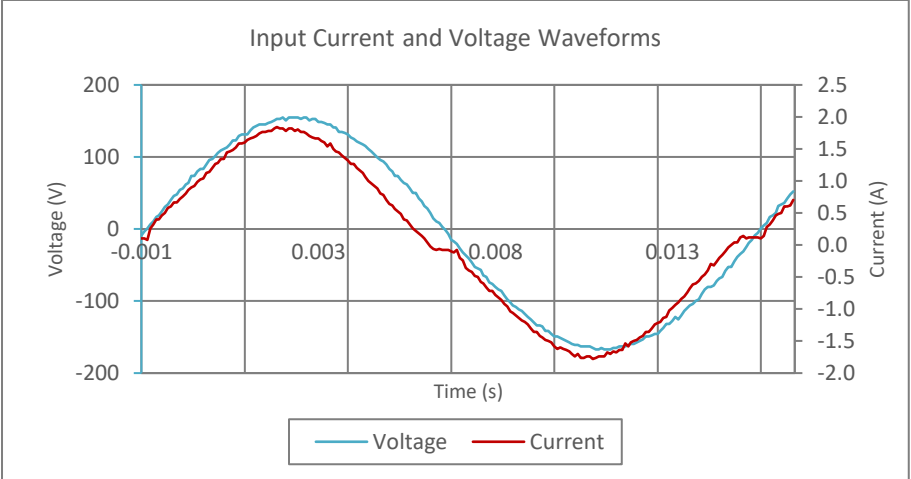
TYPICAL EFFICIENCY (50% Load):	92.82%
AVERAGE EFFICIENCY :	91.70%
80 PLUS COMPLIANT:	YES



ID Number	5636
Manufacturer	HP Inc.
Model Number	PA-2251-5HK
Serial Number	052
Year	2019
Type	OTHER, SFF
Test Date	9/4/19

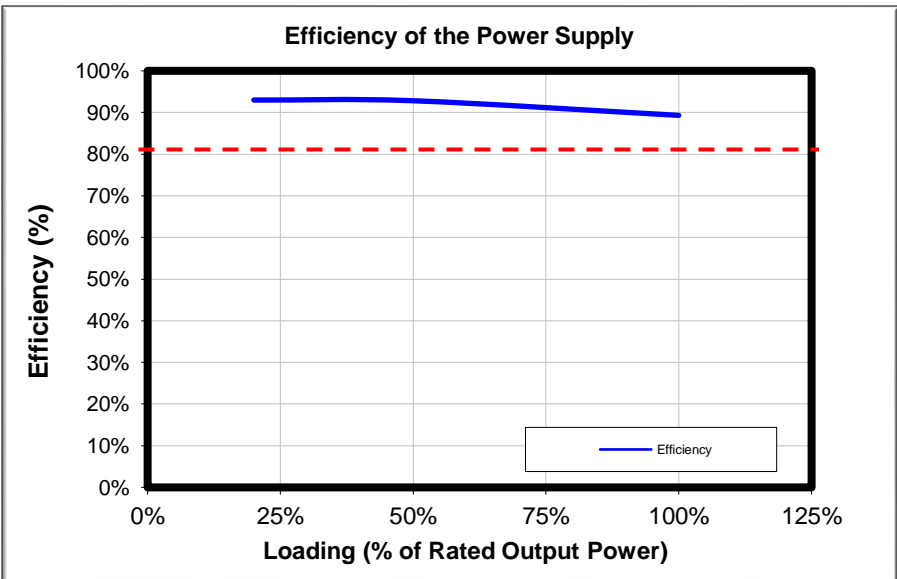
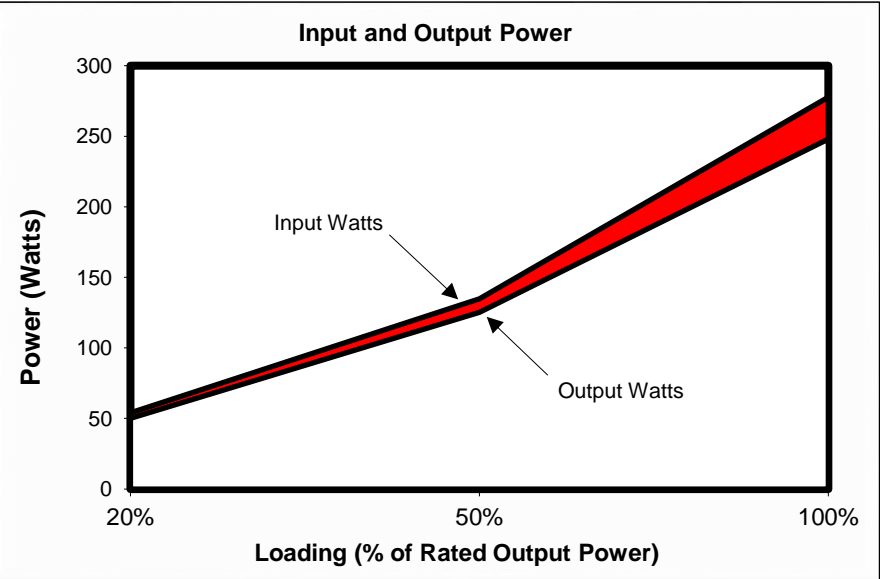
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3	Amps
Input Frequency	50-60	Hz
Rated Output Power	250	Watts

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



Input AC Current Waveform (ITHD = 9.18%, 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
					12.1V (cumulative of 12V1, 12V2, etc.)		
0.26	0.91	17.68%	10%	27.58	12.11/2.07	25.02	90.73%
0.49	0.96	10.56%	20%	54.01	12.09/4.15	50.22	92.98%
1.19	0.99	9.18%	50%	134.82	12.04/10.39	125.13	92.82%
2.44	0.99	12.47%	100%	277.70	11.95/20.75	248.02	89.31%



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/>

