

80 PLUS Verification and Testing Report

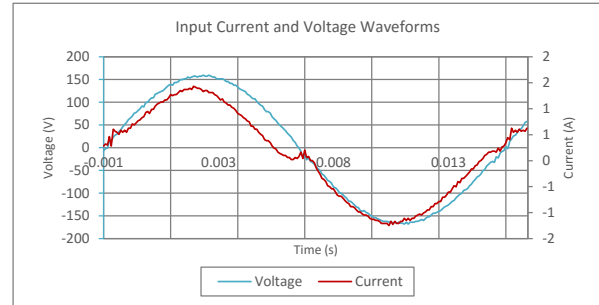
TYPICAL EFFICIENCY (50% Load):	92.40%
AVERAGE EFFICIENCY :	91.19%
80 PLUS COMPLIANT:	YES



ID Number	5153
Manufacturer	HP Inc
Model Number	PA-1181-6HC
Serial Number	472
Year	2017
Type	OTHER
Test Date	11/16/17

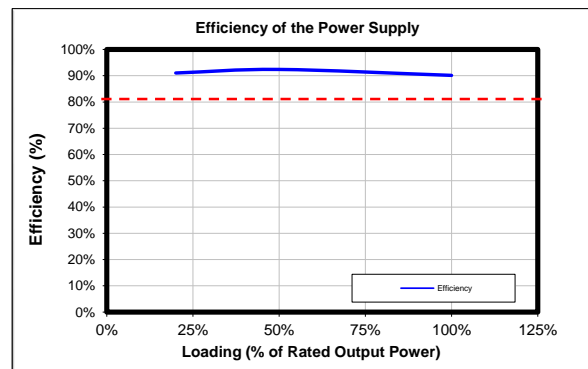
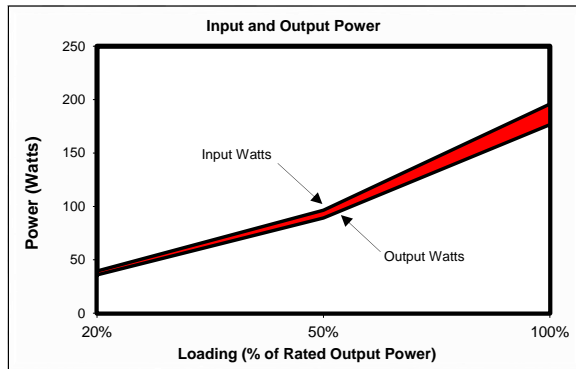
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	2.3	Amps
Input Frequency	50-60	Hz
Rated Output Power	180	Watts

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



Input AC Current Waveform (I_{THD} = 9.55%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
					12.1V (cumulative of 12.1V1, 12.1V2, etc.)		
0.21	0.87	20.36%	10%	20.68	12.02/1.5	17.97	86.89%
0.36	0.95	12.36%	20%	39.43	11.99/2.99	35.90	91.04%
0.85	0.98	9.55%	50%	96.45	11.93/7.47	89.12	92.40%
1.73	0.99	13.25%	100%	195.85	11.83/14.92	176.54	90.14%



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/>

