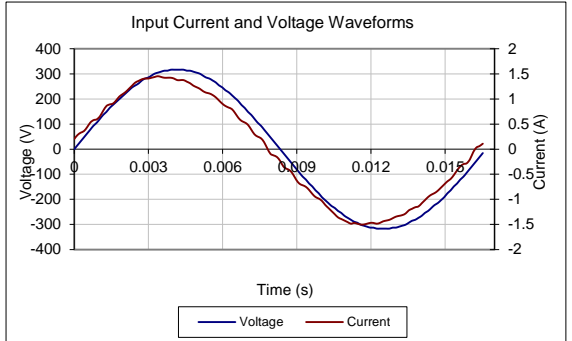


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	94.52%
AVERAGE EFFICIENCY :	93.70%
80 PLUS COMPLIANT:	YES



Ecos ID #	SO-1154
Manufacturer	Hewlett Packard Enterprise
Model Number	865399-101
Serial Number	N/A
Year	2016
Type	1U
Test Date	09/07/16



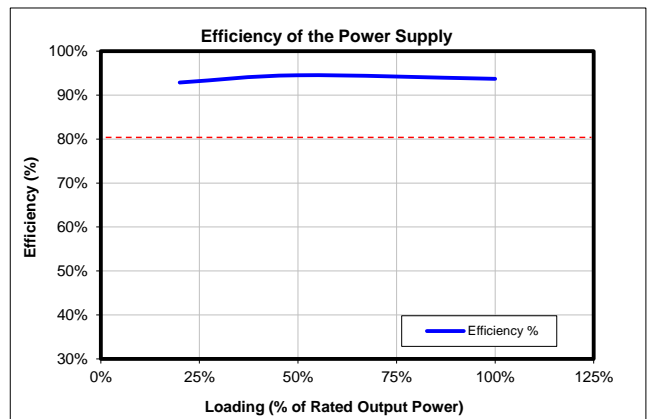
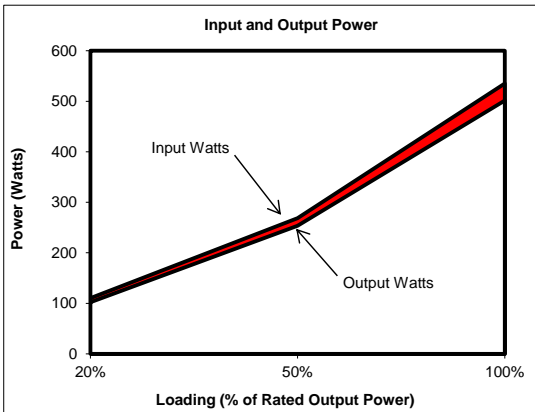
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5.8-2.8	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

Input AC Current Waveform (ITHD = 2.91%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency %
							12V			
0.26	0.96	9.22	10%	Low	58	0.36	12.28/4.17		51	88.85%
0.49	0.98	5.41	20%	Light	110	0.36	12.25/8.36		102	92.87%
1.17	0.99	2.91	50%	Typical	268	0.36	12.15/20.88		254	94.52%
2.33	1.00	2.46	100%	Full	535	0.60	12/41.77		501	93.70%

* Fan power is not included in the efficiency calculations



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/>

