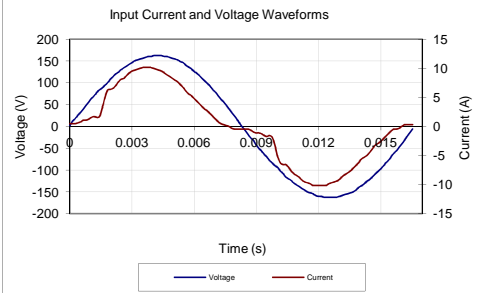


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.76%
AVERAGE EFFICIENCY :	89.29%
80 PLUS COMPLIANT:	YES



Ecos ID #	3883
Manufacturer	Hewlett Packard
Model Number	719799-001
Serial Number	5DKLK0A4DKX01N
Year	2014
Type	OTHER 445.2*166.7*79.3
Test Date	2/26/14

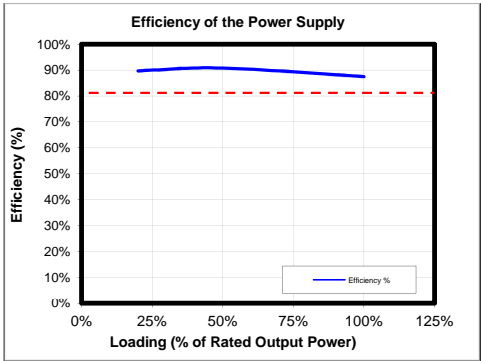
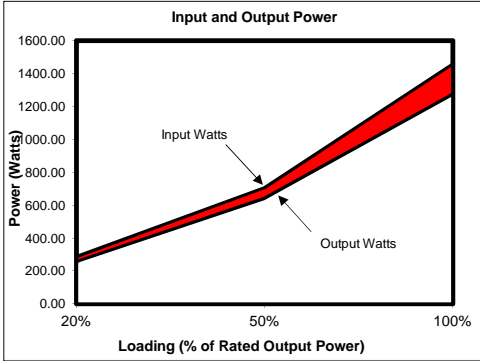


Rated Specifications	Value	Units
Input Voltage	100-127 / 200-240	Volts
Input Current	12 / 10	Amps
Input Frequency	50-60 / 400	Hz
<b>Rated Output Power</b>	<b>1275</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 23.88%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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
1.40	0.93	36.20%	10%	149.86	12.1/10.4	11.9/0	0/0	0/0	5.1/0.5	128.61	85.82%
2.66	0.94	33.01%	20%	287.80	12.1/20.9	11.9/0	0/0	0/0	5.1/1.1	258.17	89.70%
6.38	0.96	23.88%	50%	708.10	12.1/52.2	11.9/0	0/0	0/0	5.1/2.6	642.65	90.76%
12.96	0.98	17.14%	100%	1459.70	12/103.9	12/0.1	0/0	0/0	5/5.3	1275.82	87.40%



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/>

