

## 80 PLUS Verification and Testing Report

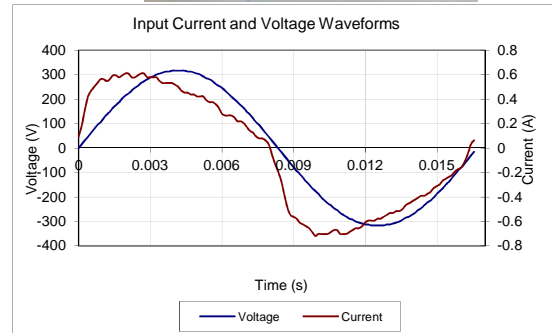
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.02%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>90.67%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	SO-971
<b>Manufacturer</b>	Hewlett Packard Enterprise Company
<b>Model Number</b>	JL085A
<b>Serial Number</b>	ANBC57P0009
<b>Year</b>	2015
<b>Type</b>	1U
<b>Test Date</b>	09/18/15

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	3-1.2	Amps
Input Frequency	50-60	Hz
Rated Output Power	250	Watts

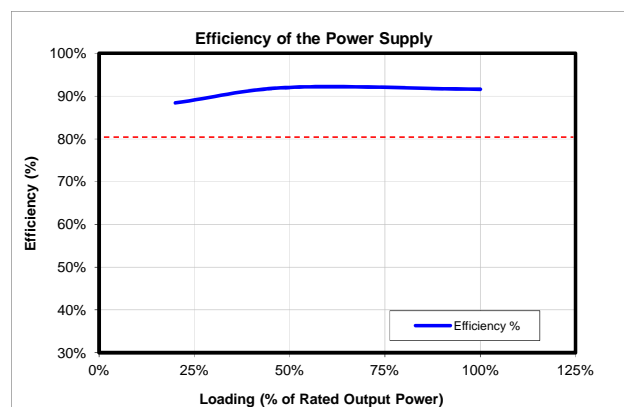
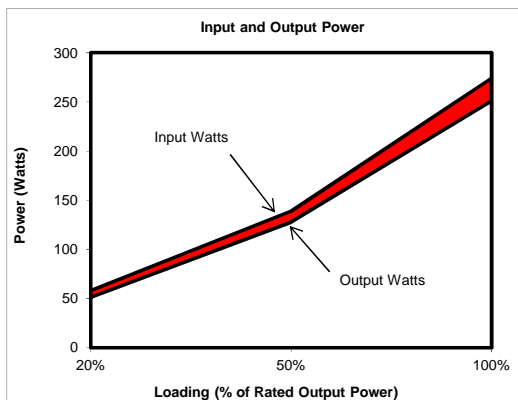
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 17.85%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency %
							12V		
0.21	0.67	23.39	10%	Low	33	3.99	12.31/2.09	26	77.96%
0.30	0.84	22.54	20%	Light	58	3.96	12.29/4.18	51	88.40%
0.63	0.95	17.85	50%	Typical	139	4.11	12.18/10.47	128	92.02%
1.21	0.99	10.64	100%	Full	274	3.60	12.01/20.89	251	91.59%

\* 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/>

