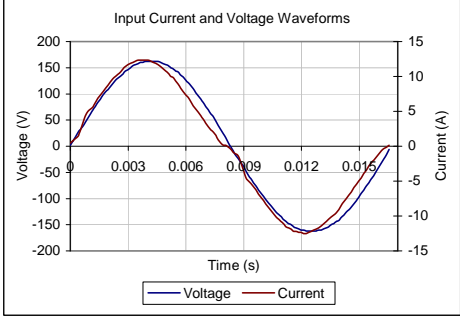


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.63%
AVERAGE EFFICIENCY :	89.25%
80 PLUS COMPLIANT:	YES



Ecos ID #	1495
Manufacturer	HIGH POWER
Model Number	HP-850-G14C-GOLD
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	6/16/2009

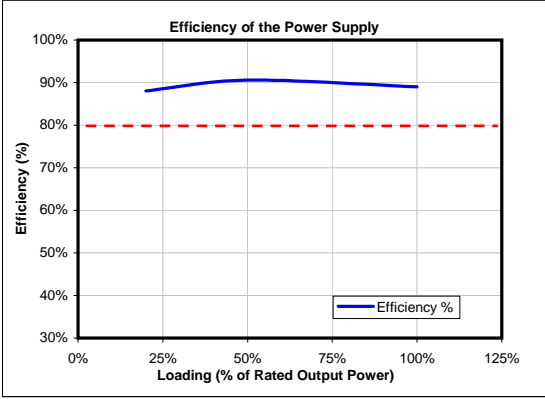
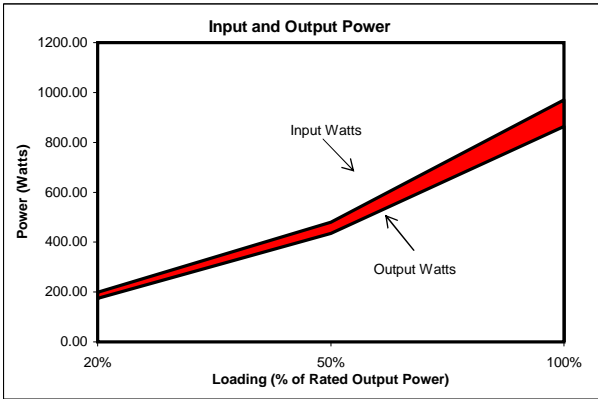


Input AC Current Waveform (ITHD = 12.96%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>850</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of 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		
1.85	0.9308	24.15%	20%	Light	198.37	12.3/11.8	11.8/0.1	3.3/3	5.2/3	5.2/0.5	174.65	88.04%
4.27	0.9764	12.96%	50%	Typical	479.60	12.2/29.6	11.8/0.2	3.3/7.5	5.2/7.5	5.2/1.3	434.68	90.63%
8.51	0.9910	7.78%	100%	Full	970.30	12.2/59.1	11.9/0.4	3.3/15	5.2/15	5.1/2.5	864.14	89.06%



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/>

