

# 80 PLUS Verification and Testing Report

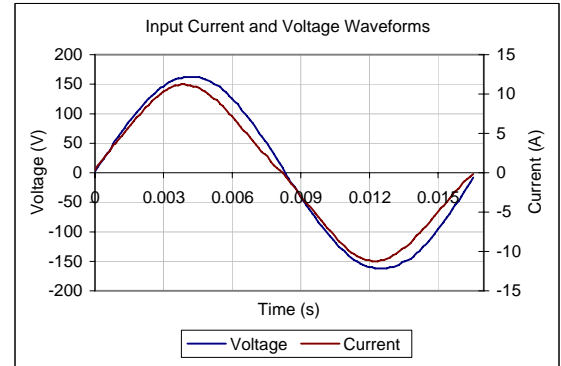


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>85.30%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>83.45%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	642
<b>Manufacturer</b>	HIGH POWER
<b>Model Number</b>	HP-750-G14C
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	ATX12V
<b>Test Date</b>	5/8/2008

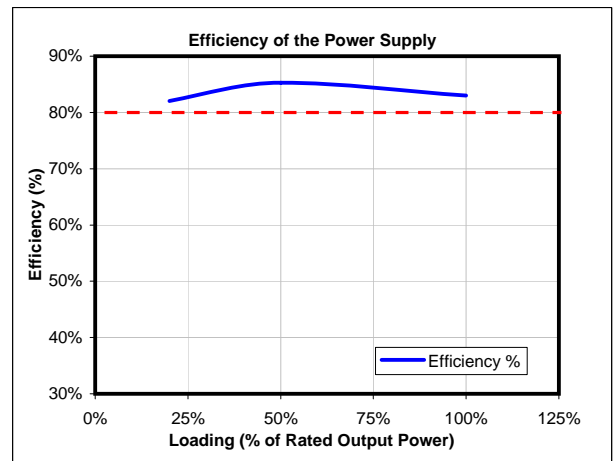
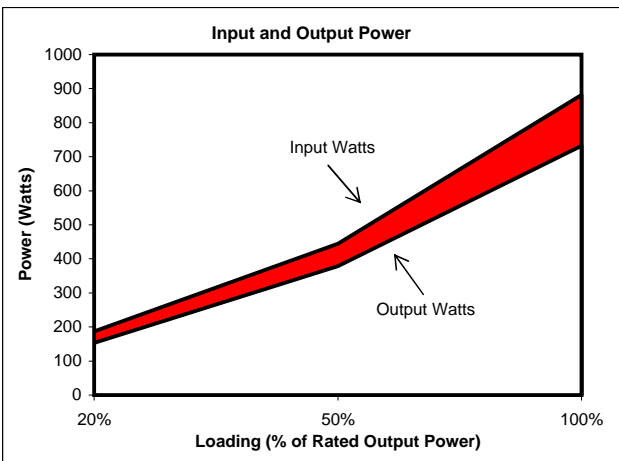
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>750</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 6.74%, 50% Load)

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
1.66	0.98	8.4%	20%	Light	187	12.3/9.5	12/0.1	3.3/3.6	5.1/3.9	5.1/0.5	153	82.04%
3.89	0.99	6.7%	50%	Typical	445	12.2/23.8	12/0.3	3.2/9.1	5/9.7	5/1.3	379	85.30%
7.70	1.00	5.8%	100%	Full	882	11.8/47.6	11.8/0.7	3.1/18	4.9/19.5	4.9/2.6	732	83.01%



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/>

