

80 PLUS Verification and Testing Report

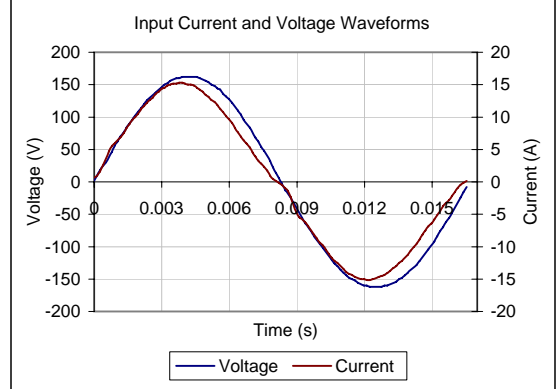


TYPICAL EFFICIENCY (50% Load):	86.91%
AVERAGE EFFICIENCY :	85.26%
80 PLUS COMPLIANT:	YES

Ecos ID #	1174
Manufacturer	HIGH POWER
Model Number	HP-1000-G14C Rev:A
Serial Number	N/A
Year	2008
Type	ATX12V
Test Date	12/3/2008

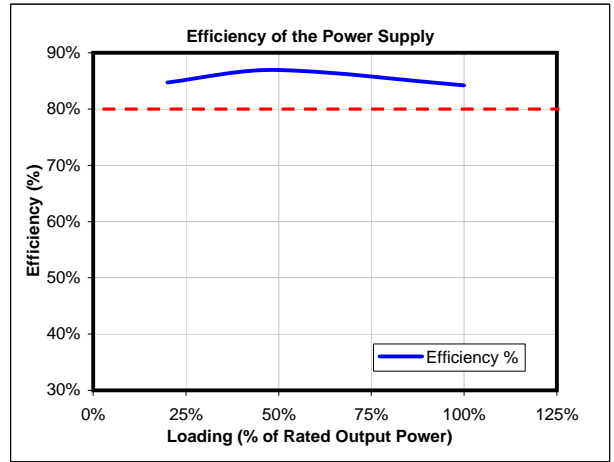
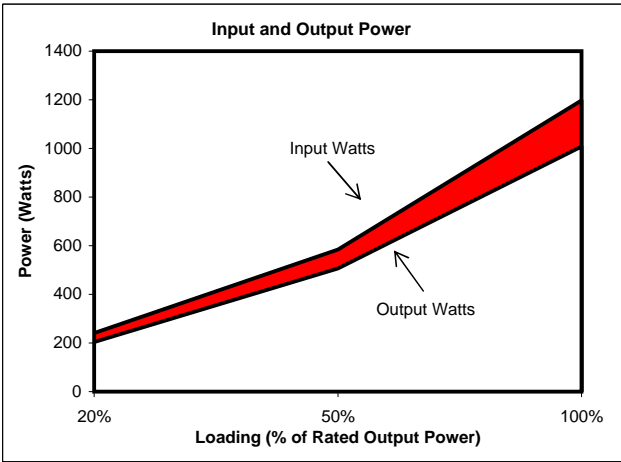
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 9.29%, 50% Load)

I _{RMS} A	PF	I _{THD} (%)	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		
2.22	0.94	17.6%	20%	Light	241	12.2/13.6	11.8/0.1	3.4/3.8	5.2/4	5.2/0.5	204	84.68%
5.16	0.98	9.3%	50%	Typical	584	12.1/34	11.9/0.4	3.4/9.4	5.1/10	5.1/1.4	507	86.91%
10.48	0.99	6.2%	100%	Full	1198	12.1/68	11.9/0.7	3.4/18.6	5.1/20.1	5.1/2.7	1008	84.17%



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/>

