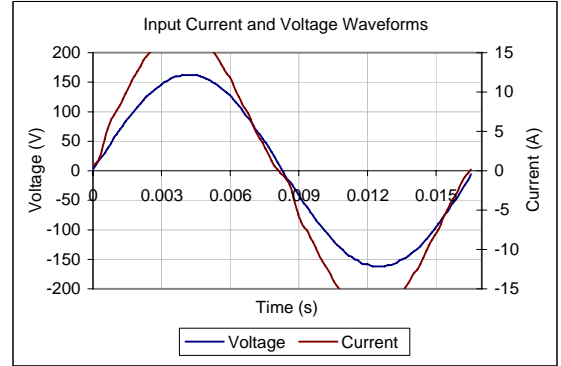


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	85.71%
AVERAGE EFFICIENCY :	83.87%
80 PLUS COMPLIANT:	YES

Ecos ID #	464
Manufacturer	HIGH POWER
Model Number	HPC-1200-G14C
Serial Number	NA
Year	2007
Type	ATX12V
Test Date	12/11/2007

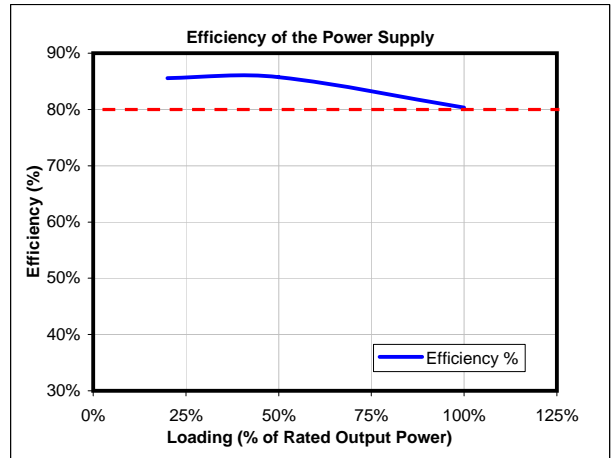
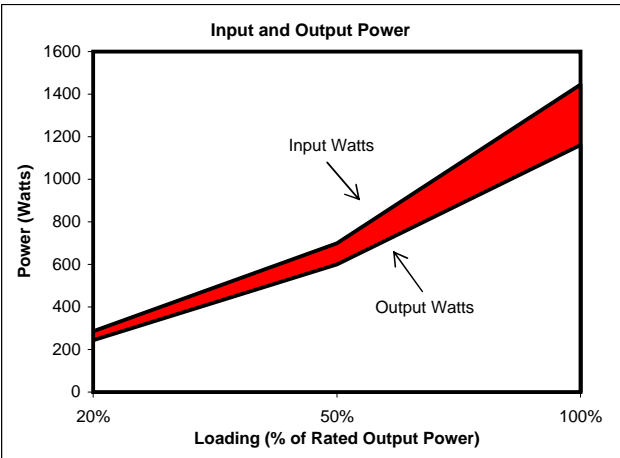


Input AC Current Waveform (ITHD = 8.7%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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

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
2.61	0.95	17.7%	20%	Light	285	12.2/16.4	12/0.1	3.4/4.4	5.1/4.4	5.1/1.2	244	85.56%
6.17	0.99	8.7%	50%	Typical	699	12/40.9	12.1/0.4	3.2/10.9	5/10.9	5/2.9	599	85.71%
12.63	0.99	5.4%	100%	Full	1446	11.7/81.8	12.3/0.8	3/21.7	4.7/21.9	4.7/5.8	1161	80.33%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.