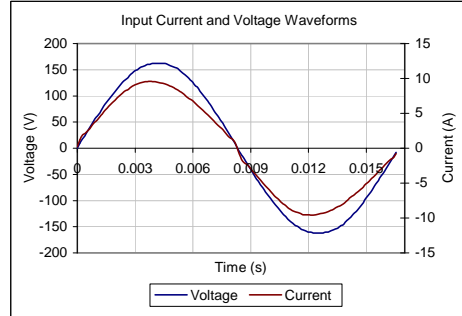


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.65%
AVERAGE EFFICIENCY :	90.13%
80 PLUS COMPLIANT:	YES



Ecos ID #	1563
Manufacturer	COUGAR
Model Number	COUGAR G700
Serial Number	N/A
Year	2009
Type	ATX12V & EPS12V
Test Date	7/27/2009

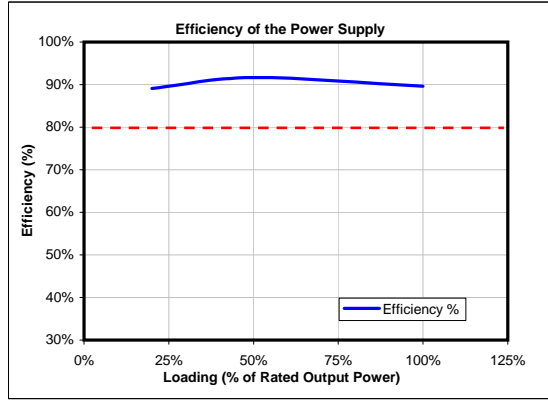
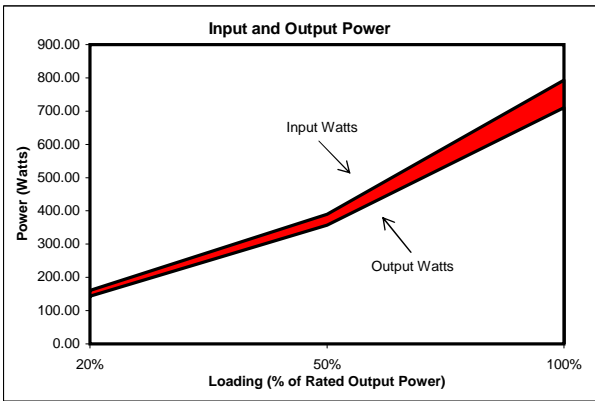


Input AC Current Waveform (ITHD = 3.4%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	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		
1.42	0.9865	7.92%	20%	Light	160.73	12.3/9.3	11.9/0.2	3.4/2.9	5.1/2.9	5.1/0.4	143.21	89.10%
3.40	0.9979	3.40%	50%	Typical	389.80	12.2/23.4	12.2/0.4	3.4/7.2	5.1/7.2	5/1.1	357.26	91.65%
6.91	0.9979	4.01%	100%	Full	792.90	12.2/46.6	12.9/0.9	3.4/14.4	5/14.4	5/2.2	710.70	89.63%



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/>

